

Curriculum Vitae

Freelance web developer

Front-end specialist with also strong back-end experience.

Personal details

Name : Paul Moers
Address : Sint-Truidenstraat 13, 3404 Neerlanden
Telephone : +32(0)493 69 99 94
E-mail address : paulmoers@gmail.com
Birthplace/date : Sint-Truiden on 26th of May, 1980
Nationality : Belgian
Driving license : B
Leisure time : Family, renovation, horseback riding, fitness, jogging, carving, cycling, music, documentaries, gaming, movies
Personality type : [INFJ-T](#)
LinkedIn profile : <http://www.linkedin.com/in/paulmoers>

Education

- Technisch Instituut H.Hart, 1997-1999, Industriële Informatica (basic principles of informatics, hardware and software)
- Hogeschool Limburg, departement HWB 1999-2002, Toegepaste Informatica (in-depth treatment, Professional Bachelor)
- Autonomous (webdesign)

Languages

Dutch : Native language
English : Proficient in both reading / writing and speaking
French : Mediocre

Technical knowledge / hard skills

JavaScript (React, React Native, React-Query, Redux, Redux-Saga, Material-UI, Formik, Yup, Styled Components, Cypress, Jest, Angular, Node.js, TypeScript, CoffeeScript, jQuery/jQueryUI, Mootools, prototype/script.aculo.us or plain javascript), PHP, MySQL, HTML5 (Pug), CSS3 (SCSS), AWS (EC2/S3/SageMaker), Microsoft Azure ML Designer, Git, Bitbucket, Confluence, Jira, SEO, Regex, Drupal, Google maps API, Facebook API, Photoshop, Intelij, Android Studio, Xcode, Windows, Linux, OSX, 3DStudio, Pascal, C++, Object Oriented Programming, Model-view-controller software pattern, Agile software development.

Soft skills

Strong work ethics

Dedicated
Persevering
Motivated
Common sense
Integrity
Independent
Neatness
Studious

Leadership

Supervising / guiding
Lead by example
Responsible
Problem-solving
Respect for effort

Process oriented

Analytical
Creative
Result oriented
Planning
Meeting deadlines
Reporting /
documentation / writing
skills

Cover note

I am an independent internet professional with 20 years of experience in front-end and also 10 years of experience in back-end. Both in the development of complete systems as well as part of existing systems. Always development, but often combined with a techlead role. And frequently also the analysis, functional design, design, testing, code review and support.

Work Experience

Luceda Photonics

Duur : July 2023 – current
Functie : Senior React front-end developer
Werkzaamheden : Developing new features and bug fixing on the PIC (photonic integrated circuit) design software, for and in collaboration with a big tech company. Complex functionality, as an intuitive and high-performance solution that fits into the customer's PIC design workflow.
Under NDA, so unfortunately it is not possible to give a clearer description.
Skillset : React, Electron, Redux, Vitest, Playwright, TypeScript, Tailwind CSS, HTML, IntelliJ, GIT, SourceTree, Confluence, Agile/Scrum, Jira.
Adres : Noordlaan 21, 9200 Dendermonde, Belgium

HelloFresh

Duration : January 2022 – June 2023
Function : Senior React front-end developer
Job description : Designing and developing three projects: a user-friendly UI so that users no longer have to access the APIs directly; recreation of an outdated application; and a log search and visualization page. Proposing, motivating, prioritizing and implementing features and improvements along the way. Like a dynamic and recursive form for AVRO Schema data, replacing a JSON input field. Demo on request.
Skillset : React, React-Query, Material-UI, Formik, Yup, Cypress, Jest, TypeScript, CSS, Styled Components, HTML, AVRO Schema, Azure SSO, IntelliJ, GIT, SourceTree, Confluence, Agile/Scrum, Jira, webservices/REST/JSON.
Address : Berlin, Germany (full remote)
References : Bruno Oliveira
<https://www.linkedin.com/in/tbcarnei/>

Materialise

Duration : July 2021 – December 2021
Function : Senior React front-end developer
Job description : Developing new features and doing bufixing on existing project. A UI for configuring 3D printing, dynamically generated from backend data. Clarifying functionality around legacy code together with the analyst, fixing it where necessary. Code optimization with setup of ESLint and Prettier. Coaching a junior colleague.
Skillset : React, Redux, Redux-Saga, Formik, TypeScript, CSS, HTML, Azure DevOps, VS code, GIT, SourceTree, Confluence, Agile/Scrum, Jira.
Address : Technologielaan 15, 3001 Leuven, Belgium
References : Alexander Shvets
<https://www.linkedin.com/in/ashvets/>

KBC Surf Studio

Duration : February 2020 – June 2021
Function : Senior all-round front-end developer
Job description : Brainstorming and prototyping around new ideas and technologies, to analyse or validate them, and to allow them to flow into the existing organization in future projects.
Skillset : React Native, Angular 8+, TypeScript, CSS, Node.js, WebAssembly, AWS (CS2/S3/SageMaker), Azure ML Designer, IntelliJ, Android Studio, Xcode, GIT, SourceTree, BitBucket, Confluence, Agile/Scrum, Jira, Chrome Dev Tools, webservices/REST/JSON.
Address : Brusselsesteenweg 100, 3000 Leuven, Belgium
References : Willem de Nys
<https://www.linkedin.com/in/willem-de-nys/>
Lore Simons
<https://www.linkedin.com/in/lore-simons-37a781122/>

KBC Touch

Duration : May 2014 – February 2020
Function : Senior HTML5 front-end developer / techlead
Job description : Development of the front-end of the KBC Multi-tier next generation web banking application. Using the new HTML5 technology stack, within the architectural framework and respecting the coding guidelines and business logic. Responsible for delivering the requirements by the team, elucidating the functional designs, and peer code reviewing.
Skillset : Angular(JS), React, TypeScript, Coffeescript, Pug, SCSS, Webstorm/IntelliJ, GIT, SourceTree, BitBucket, Confluence, Agile/Scrum, Jira, Chrome Dev Tools, web-services/REST/JSON, Eclipse, Java service layer, Cobol back-end.
Address : Brusselsesteenweg 100, 3000 Leuven, Belgium
Website : <https://touch.kbc.be>
References : Anja Wouters
<https://www.linkedin.com/in/anja-wouters-b3b51ab7/>
Geert Vandevenne
<https://www.linkedin.com/in/geert-vandevenne-44b3222/>

Synerg-i / I-freelance

Duration : October 2009 – current
Function : Owner / Web-developer / Freelancer
Job description : Development and management of websites and web applications; occasional graphic design; functional analysis and design; project planning and business management; contact with customers and service providers; testing, reporting and support.
Skillset : JavaScript (plain, jQuery/jQueryUI, jQuery Mobile, jsRender, AngularJS), PHP, MySQL, HTML5, CSS3, AJAX, Web services, SEO, GitHub, Regex, Drupal, Google maps API, Photoshop, Windows, Linux, Object Oriented Programming, Model-view-controller software pattern, Agile software development.
Address : Sint-Truidenstraat 13, 3404 Neerlanden, Belgium
Website : <http://www.i-freelance.be/>
References : Marlene Verlaeckt, CEO at EVER and AOB
+32(0)472 430691, marleneverlaeckt@me.com
Koen Herbots, Owner Herbotsreizen
+32(0)475 653618

Pubmarket!

Duration : March 2011 – April 2014
Function : Web-developer
Job description : Developing websites including theming. Drupal development and standalone scripts; Web services; setting up an internal framework for developing Facebook apps; use of the Facebook API and Google Maps API.
Skillset : JavaScript (plain, jQuery/jQueryUI), AngularJS, PHP, MySQL, HTML5, CSS3, AJAX, Web services, SEO, Regex, Drupal, Google maps API, Facebook API, Photoshop, InDesign, Dreamweaver, OSX, Object Oriented Programming, Model-view-controller software pattern, Agile software development.
Address : Lindekensveldstraat 7, 3510 Hasselt, Belgium
Website : <http://www.pubmarket.be/>
References : Jack vanlommel, Web Designer
+32(0)486 208309, jack_vanlommel@hotmail.com
Michiel Claes, Web Developer
+32(0)472 833100, michielaz@hotmail.com

Saulmade

Duration : October 2004 – October 2009
Function : Owner / Web-developer
Job description : Developing websites and web applications; graphic design; functional analysis and design; project planning and business management; budget-oriented work; contact with customers and service providers; testing, reporting and support.
Skillset : JavaScript (Mootools, prototype/script.aculo.us), PHP, MySQL, HTML, CSS, AJAX, SEO, Regex, Drupal, Photoshop, Windows, Object Oriented Programming, Model-view-controller software pattern, Agile software development.
Address : Emmastraat 3, 8141EP Heino, The Netherlands
Reference : Alfons Boerdijk, Owner JRVProducts
+31(0)572 366246, info@jrvproducts.nl

VakantieDiscounter

Duration : February 2003 – April 2003
Function : Web-developer
Job description : Development of booking system for last-minute trips.
Skillset : JavaScript, PHP, MySQL, HTML, CSS, Photoshop.
Address : Arnhem, The Netherlands
Reference : Arian van Hoof, Owner VakantieDiscounter
Unfortunately deceased at a young age.

Cats & Dogs

Duration : April 2002 – June 2002
Function : Web-developer
Job description : Functional design and development of a dynamic catalog.
Skillset : JavaScript, PHP, MySQL, HTML, CSS, Photoshop.
Employment : Internship
Address : Industriezone Daelemveld 1506, 3540 Herk-de-Stad, Belgium
References : Geert Surkijn, Owner
<https://www.linkedin.com/in/geertsurkijn>
Bart Wolfs, Owner
<https://www.linkedin.com/pub/bart-wolfs/2/623/134>

Portfolio

HelloFresh

Designing and developing 3 projects.

The first one, a user-friendly UI so that users no longer have to access the APIs directly. With upfront an analysis of the options for designing internal apps, and motivation of the choice to the team. Then throughout the project proposing and motivating, prioritizing and implementing new functionalities and improvements. Like a dynamic and recursive form for AVRO Schema data, replacing a JSON input field. With validation for the multiple data types and proprietary limitations. And for use of this AVRO data structure, deriving the paths for all endpoints to display in a selection list. Both to offer a much easier and much less error-prone way for constructing and using the data.

The second project was to replace an outdated system. For this I analysed the existing functionality and then recreated it as a simpler and better UI. With for example stronger and instant validation of selected files.

A small third project arose from talking with a colleague, to solve a pain point of having to frequently look up logs. The result is a page where users can consult logs themselves with 3 search methods. Here too I designed the UI, with a nice user-friendly result, well received by the team.

Materialise

Continuation of existing project.

Quickly getting familiar with the codebase to ensure a smooth transition and fast delivery of new features and bug fixing.

Due to the transfer of the project between teams, the expected functionality was not clear everywhere. So also analysing the code to find out the intention and, after consultation with the analyst, making changes where necessary, where the intention deviated from the actual result.

To ensure good code style and automatic initial code analysis set up Prettier and ESLint, enforced at commit.

And coaching a junior colleague. Selecting work for him together with the project leader; be standby for advice; and reviewing the delivered code.

KBC Surf Studio

Developing a multitude of smaller projects.

Evaluation and selection of a vendor for a secure identity verification solution, with ID and facial recognition. And developing a POC with the most promising vendor to validate their solution with a select user base. Using Node.js, HTML, CSS and javascript, with the vendor's API and SDK, and hosting on AWS (EC2+S3).

A small test on implementing casting (Google Cast and Apple AirPlay) in a mobile app, to estimate its impact.

React Native, with a well-considered choice of the required bridge libraries.

POC for evaluating suppliers for location-based notifications and profiling. With a small app for a test group of 50 people.

React Native, vendor SDK implementation, with push notifications via firebase.

Development of a general React Native app to serve as a foundation for future POCs. Continuing on an early stage basis, with code rework and optimization for performance, readability and simplicity, to facilitate future development. And bring it up to date to the latest React & React Native version along with navigation and all other dependencies.

Training of a KBC logo recognition model, to check whether a developer at KBC without AI experience can set up an accurate AI model. And confirming this by delivering a model with 98% accuracy.

Python, Jupyter Notebook, AWS SageMaker, Microsoft Azure ML Designer, Adobe Photoshop, React Native.

A small android app for reviewing the instant-app functionality. With release via the Google play console in a closed test to be able to test E2E, from the deep link to the app, to the trigger for installing the full version.

Android, Kotlin, the Google Play console and Firebase (for Dynamic Linking).

Evaluation and validation of an E2E process with which animations can be delivered in production for KBC web environments.

In collaboration with designers and developers, for a.o. validation of the choice for Lottie and After Effects. Elaboration of an Angular component, so that developers in a standing organization can immediately use it.

Developing a crowdfunding website powered by the SettleMint API, to assess this vendor and the usage of blockchain for this type of functionality.

Deploying the website before the tight deadline so the testgroup of 200 users could start using it. And providing support during the project.
React, HTML, CSS, Node.js, MongoDB, SettleMint Blockchain API, Heroku.

Setup of a lite version of the login part of KBC's main web-application, with an added login option to assess it.
Implementing and evaluating the BindId WebAuthn solution, discussing the findings with the security and applications architects.
Angular, HTML, CSS, BindID.

See also the work experience section.

KBC Touch

As techlead, development, code review and technical design for varied projects, mainly application/purchase processes, e.g. opening a bank account with debit and credit card; request for foreign currencies, to be picked up at a KBC branch; business insurance; international payments; ...
Or also building more general things such as a payment page that KBC provides for use in web shops; a facebook inspired notification system; video chat; Doccle management; adding accounts from other banks for display in the KBC environment; ...

With also one-man projects such as reworking the KBC Touch start page, the landing page for the 1 million users. And devising and developing a generic method for screen navigation, with a.o. input and output contracts and authorization. Complex functionality with a simple API. Fully documented for use by all KBC developers in the various app.
And as owner of all parts that have to do with domain payments in the various apps, making improvements and guaranteeing the quality.

See also the work experience section.

Support Ophthalmologia & EVER (European Association for Vision and Eye Research), ophthalmologists University Hospital Leuven

- Job description : Freelance development, consultancy and support for existing websites. Continuous availability, 24/7.
- Skillset : JavaScript (plain), PHP, MySQL, PostgreSQL, HTML, CSS, AJAX, Regex, Linux.
- Websites : <http://www.ophthalmologia.be>
<http://www.ever-f.eu>
<http://www.eupo.eu>
<http://www.ever.be>
- Reference : Marlene Verlaeckt, CEO at EVER and AOB, UZ Leuven
+32(0)472 430691, marleneverlaeckt@me.com

Facebook development Framework

- Job description : Development of framework to facilitate the creation of facebook apps using the Facebook API.
Used for various clients: Alvo, Continental, DeliXL, Konvert, Noba, Philadelphia, Prik&Tik, Unilever, Vondelmolen and Wijnegem Shopping Center.
Apps of the type of questionnaires, memory games, simple games or apps based on interaction with friends.
- Skillset : JavaScript (plain, jQuery/jQueryUI), PHP, MySQL, HTML5, CSS3, AJAX, Regex, Facebook API, Photoshop, Linux, OSX, Object Oriented Programming, Model-view-controller software pattern, Agile software development.
- Websites : Demos on request
- Reference : Marc Thys, Multimedia Supervisor
+32(0)496 447068, mt@pubmarket.be

Development own CMS, websites and webshops

- Job description : Development of my own proprietary modular CMS, useable for websites and webshops.
Provided as a user-friendly system to my own customers when the open source systems weren't adequate yet.
- Skillset : JavaScript (plain, jQuery/jQueryUI, Mootools, prototype/script.aculo.us), PHP, MySQL, HTML, CSS, AJAX, SEO, Regex, Photoshop, Windows, Linux, 3DStudio, Object Oriented Programming, Model-view-controller software pattern.
- Websites : <http://www.innotec.nl> (webshop including multiple discount systems)
<http://www.bevestigingsmateriaal.nl> (webshop with

product synchronization on the accounting software of the client)

<http://www.auto-wessel.nl>

<http://www.b-sense.nl>

<http://www.ts-interieurs.nl>

<http://www.dwmakelaardij.nl>

ERRIN & Ecoregions

- Job description : Website development. Functional analysis and design based on the old website; template creation from the supplied design; development based on Drupal 7. Display of participating regions on a custom Google Map, using JSON GeoData from a third party (PSI Geographical Service) via a RESTful web service.
- Skillset : JavaScript (plain, jQuery), PHP, MySQL, HTML, CSS, AJAX, Web services, SEO, Regex, Drupal, Google maps API, Photoshop, Linux, OSX, Agile software development.
- Website : <http://www.errinnetwork.eu>
<http://www.i-freelance.be/global/ERRINmap> (Google Map demo)
- References : Ryan Titley, ERRIN Communication and Project Manager
ryangtitley@gmail.com
<https://www.linkedin.com/pub/ryan-titley/15/54b/344>
Marc Thys, Multimedia Supervisor
+32(0)496 447068, mt@pubmarket.be

Danone professional

- Job description : Development of website and synchronization module. Development based on supplied functional design; template creation from the supplied graphical design; bilingual website; using drupal7. Periodic synchronization with external products database using webservices.
- Skillset : JavaScript (plain, jQuery), PHP, MySQL, HTML, CSS, AJAX, Web services (SOAP), SEO, Regex, Drupal, Agile software development.
- Website : <http://www.danoneprofessional.be>
- References : Marc Thys, Multimedia Supervisor
+32(0)496 447068, mt@pubmarket.be

Nederlandstalige groepsreizen

- Job description : Website development. Functional analysis and design; graphic design; development; based on drupal7.
Providing advice to and brainstorming with the client.
- Skillset : JavaScript (plain, jQuery), PHP, MySQL, HTML, CSS, AJAX, SEO, Regex, Drupal, Photoshop, Windows, Linux, Agile software development.
- Website : <http://www.nederlandstaligegroepsreizen.be>
- Reference : Koen Herbots, Owner Herbotsreizen
+32(0)475 653618

Meubelen Gova, Seagrill, KIEN, NOBA

- Job description : Development of several smaller websites. Based on provided functional designs; template creation based on supplied graphical designs; using Drupal 7.
NOBA with custom google map extended with a dynamic route planning option.
- Skillset : JavaScript (plain, jQuery), PHP, MySQL, HTML, CSS, SEO, Regex, Drupal, Google maps API, Photoshop, Linux, OSX, Agile software development.
- Websites : <http://www.gova.be>
<http://www.seagrill.be>
<http://www.ikbenkien.nl>
<http://www.noba.be>
- Reference : Marc Thys, Multimedia Supervisor
+32(0)496 447068, mt@pubmarket.be

Kunstuitleen reservation-system framework

- Job description : Development of reusable and configurable system for displaying and renting artworks, drawing on the database of an existing administration.
- Skillset : JavaScript (plain), PHP, MySQL, HTML, CSS, Regex, Object Oriented Programming, Model-view-controller software pattern.

SpotEditor / FCKeditor

- Job description : Extensive makeover with javascript of the FCKeditor and extending the functionality with several new plugins. For use in a community site.
Also, in addition to the Spoteditor project, development of various standalone plugins, including the FitWindow

plugin which is adopted in core since FCKeditor version 2.3 Beta, see <http://ckeditor.com/release/23-beta>. For a wide range of international customers, for example in Sweden, USA (Florida), Germany, England and Norway.

Skillset : JavaScript (plain/advanced), HTML, CSS.