

# Mathias APPELMANS



## Personal details

math.appelmans@gmail.com

Tervuren

Mathias Appelmans

Portfolio:  
<https://mathiasappelmans.be>

## Skills

- PHP
  - Symfony
  - Laravel
  - Postgre
  - MySQL
  - GitLab
  - DevOps
  - Rest API
  - MicroServices
  - Mercure
  - PHPUnit
  - curl
  - cron
  - shell scripts
  - Cloud
  - Azure
  - AWS
  - Docker
  - Kubernetes
- ReactJS
  - Node.js
  - Javascript
  - Typescript
  - Next.js
  - Vue.js
  - Tailwind
  - Bootstrap
  - MUI
  - npm
  - yarn
  - REST API
  - NextAuth
  - JQuery
  - Prisma
  - Git
  - GitHub
  - Linux
  - Nginx

English	● ● ● ● ●
Français	● ● ● ● ●
Nederlands	● ● ● ● ●
Deutsch	● ● ● ● ●

## Education

Bachelor Informatique de gestion  
(Interrupted, degree not obtained)

EPHEC, Brussels

Licence Sciences Economiques  
(Interrupted, degree not obtained)

ULB, Brussels

# Full Stack Developer

## Work Experience

Analyst Developer full stack at DotDev bv. 02/2024 - today

- Developing, styling and maintain user interfaces functionalities with reusable Components with ReactJS, JavaScript, Tailwind, Next.js, REST API, npm, Node, Angular, Bootstrap following W3C standards.
- Backend OOP with PHP 8 Frameworks like Symfony, Laravel, CodeIgniter. DBMS MySQL, PostgreSQL, SQLite, NoSQL.
- Build, test and deploy Dockerized apps with Continuous Integration-Deploy with GitLab pipelines, managed by Agile methodology.
- Developing many Function Components based on Google's Material UI for, ReactJS, Next.js and Vue.js, using Figma designer.
- Implemented and deployed backend Asynchronous solutions to manage heavy automated tasks in a background queue with Messenger from Symfony.
- Deployed real-time push notification system for eshop subscribed users with the Mercure publish-subscribe protocol
- Used ReactJS standard concepts like Children Pattern, JSX and TSX, Components, Hooks, States, props, Next.js server-side rendering, Virtual DOM, hydration and reconciliation.
- Performed Database operations with Prisma ORM Query builder Node.js & Typescript.
- Used JavaScript coding and concepts like closures, promise, prototypal inheritance modular export and import functions.
- IaaS and PaaS with OVHcloud computing.
- Using PM2 to deploy Next.js apps on production server Nginx on Debian 11.
- Using Next.js asynchronous server actions to handle form submit and data mutations

Cegeka - Belgian Federal Institutions Police Justice 01/2020 - 02/2024

- I work as fullstack developer here, responsible for building, deploying and maintaining internal complex big data apps used by 1000+ federal agents.
- Agile Ceremonies such as sprint Planning, Daily Standups, Retrospectives, Story Refinement and Release Planning.
- Writing and applying automated assertion Features tests with PHPUnit and Selenium Browser tests.
- A Cloud Azure app Sso Azure/Saml2 to host all media files and sensitive documents with SSO authentication.
- Designed and deployed complex Components and forms for submitting citizen Complaints, using ReactJS, Nextjs and Vue.js
- Strong experience in responsive design using CSS Media Queries, Tailwind and MUI Material breakpoints, optimizing user experience depending on device's media types.
- CI/CD with GitLab and Jenkins, Test Driven Development.
- Using PHP8 new features : nullable, nullcoalesce, named arguments, match, constructor property promotion, readonly, ...

Mobile Trend GmbH, Hamburg, Deutschland 11/2014 - 05/2019

- Developed mobile entertainment apps development with PHP Symfony and Laravel
- Installed and maintain web servers Debian Nginx php-fpm
- Many user interfaces with AngularJS, jQuery, Bootstrap, HTML5, CSS3
- Data management with MySQL MariaDB Redis NoSQL
- Managing source code versioning with Git

IT Support Analyst Jul 2005 - May 2013

Européen Commission and Parliament, Brussels, Strasbourg

IT Support Analyst Jan 2001 - Jun 2005  
European Languages and Communication Solutions

Unit Manager Jan 1989 - dev 2000  
Quick Restaurants n.v.