# PHILLIP MATAMBANADZO

## SENIOR SOFTWARE ENGINEER

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📍 Inselstr. 23, 45326 Essen

## TECH SKILLS

- Javascript
- Typescript
- Vue
- React
- Node.js
- HTML
- CSS
- UI/UX
- Git
- Kubernetes
- Docker
- MongoDB
- Scrum
- Kanban
- TDD
- OOP
- AWS

## SOFT SKILLS

- Detail-oriented
- Adaptability
- Teamwork
- Analytical Skill
- Empathy
- Perseverance

## SUMMARY

**Highly skilled Frontend Developer** with a proven track record of delivering innovative and user-friendly web applications across various industries. At SMG (Homegate.ch and Immoscout24.ch), I spearheaded the modernization of the sales funnel, focusing on the frontend development with Vue.js. Prior to that, I played a key role in implementing cutting-edge tools and methodologies to modernize the eCommerce platform at Mercedes-Benz.io. My expertise extends beyond frontend development, encompassing experience in designing web scraping solutions and building dynamic schedulers. Proficient in Vue.js, React, Node.js, and various CI/CD and testing tools, I'm passionate about delivering high-quality code and fostering a collaborative learning environment.
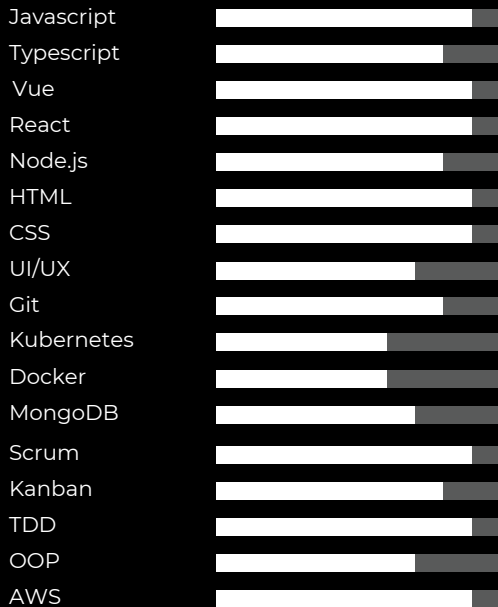
## WORK EXPERIENCE

### FREELANCE SOFTWARE ENGINEER

Essen

01/2022 - today

### SOFTWARE ENGINEER

Ruhrkraft GmbH - Essen

06/2021 - 12/2021

### SOFTWARE ENGINEER

Westend Druckereibetriebe GmbH - Essen

01/2018 - 06/2021

### STUDENT ASSISTANT

Hochschule Düsseldorf

06/2016 - 12/2017

# EDUCATION

**SECONDARY SCHOOL**
Alfred-Krupp-Schule Essen
2009

**BACHELOR OF SCIENCE**
Civil Engineering - Ruhr Uni Bochum
2010 - 2015

**BACHELOR OF SCIENCE**
Media IT - Hochschule Düsseldorf
2015 - 2018

# LANGUAGES

German - Native Speaker
English - Business Fluent
Portuguese - Intermediate

# REFERENCES

**DAVID MÜLLER - HAKOBU**
Senior Software Architect

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**CHI NGUYEN - MERCEDES-BENZ.IO**
Senior Software Architect

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# PROJECT EXPERIENCE

### SENIOR FULLSTACK ENGINEER | SMG
11/2023 - today

*Technologies*
Vue, TypeScript, VueX, Vite, Jest, GitHub, AWS Lambda, CDK, Serverless, SonarQube, Node.js, Postman, DataDog

*Description*
In this role, I collaborated with an international team of full-stack and DevOps engineers to enhance the sales funnel of a leading real estate platform (homegate.ch and immoscout24.ch). I was responsible for modernizing the frontend and backend stacks to meet contemporary standards. Beyond technical upgrades, I played a key role in planning and executing the development of new features.

- Migrating from Serverless framework to AWS Cloud Development Kit (CDK) for more robust and maintainable infrastructure as code practices
- Leading the development of new features
- Enhancing the development environment to improve code quality and developer experience
- Identifying and fixing frontend and backend bugs

### SENIOR FRONTEND ENGINEER | MERCEDES-BENZ.IO
12/2021 - 09/2023 (1 year, 10 months)

*Technologies*
Vue, TypeScript, Pinia, VueX, Vite, Jest, Vitest, GitHub, Kubernetes, Jenkins, SonarQube, Helm Charts

*Description*
Together with an international team of frontend, backend and devops- engineers, I've contributed to the development of the Mercedes Me web storefront.

- Feature specifications and coordination with external dependencies
- Coordination of a Team of 5-8 Developers
- Planning and executing the strategy for migration from Vue 2 to Vue 3
- Migration from Jest to Vitest
- Migration to Typescript
- Development of new features, DevOps pipelines
- Analysis and fixes for frontend related bugs and issues
- Enhancing code quality and security

## SENIOR FULLSTACK ENGINEER | AUTEON
10/2021 - 04/2022 (6 months)

*Technologies*
Vue, TypeScript, Google Cloud Functions, Node.js, Cheerio, Puppeteer, Postman, GraphQL, Hasura

*Description*
I developed a proof of concept reverse engineering automotive eCommerce websites to create a web scraping service. After its completion, I trained several developers on its implementation and usage.

- Investigate target automotive eCommerce websites to understand structure and content
- Analyse website source codes and network requests
- Determine patterns and obstacles, such as CAPTCHAs or AJAX calls
- Code in TypeScript and Node.js to implement the scraping logic
- Implement Testsuite in Postman to ensure data is being scraped correctly
- Create comprehensive documentation detailing the scraping service architecture
- Organise training sessions for developers post-completion.

## FULLSTACK ENGINEER | RUHRKRAFT
09/2020 - 09/2021 (1 year)

*Technologies*
Vue, React, TypeScript, VueX, Meteor, Node.js, Jest

*Description*
I was responsible for the design and implementation of a scheduler for a Digital Signage Content Management System. The main goal of this scheduler was to offer users a straightforward platform for planning, scheduling, and uploading advertisement campaigns. Once uploaded, these campaigns were then seamlessly displayed on multimedia screens across various locations.

- Implementing a user-friendly interface that allowed for easy scheduling and management of campaigns
- Implementing algorithms to avoid advert overlap and ensure smooth transitions between campaigns.
- Ensuring that the scheduler was compatible with various multimedia screen sizes and resolutions, and rigorously testing it under diverse scenarios to guarantee reliability and effectiveness.
- Designing a comprehensive data structure for campaigns and playlists to ensure flexibility and efficient retrieval
- Ensuring campaigns display seamlessly across different multimedia screen sizes and locations.

## FULLSTACK ENGINEER | WESTEND DRUCKEREIBETRIEBE
01/2018 - 07/2021 (3 year, 6 months)

*Technologies*
Meteor, Node.js, Vue, React, VueX, Cypress, Jest, Docker.

*Description*
At this prominent printing firm, I was responsible for enhancing and streamlining their digital operations. My primary tasks included the design and implementation of an order placement application. This application served as a vital touchpoint between the company and its clientele. Additionally, I was tasked with building an end-to-end and unit testing suite to ensure the application's reliability and functionality.

- Design user interfaces and workflows for the order placement application
- Refine and implement application features
- Monitor and respond to feedback from end-users
- Implemented a test suite using the TDD approach, which included both E2E tests and unit tests
- Coordinate with other team members and departments to ensure cohesive development and implementation strategies