

Ahmed Mouelhi

Senior Full-Stack Engineer

Over 8 years of proven success in Germany's **energy, logistics, and B2B sales** sectors, with key contributions to large-scale enterprises such as **NEW NETZ** and **Deutsche Post DHL**, as well as **VC-backed startups** like **Valuecase**. Skilled in **React.js, Vue.js, TypeScript, Node.js, Python, AWS, AI integration and more**.

Work experience

Senior Frontend Software Engineer

February 2024

NEW NETZ/Conventic, Bonn

Current

- **Developed 12 web applications**, including dashboards, portals, and complex multi-step wizards, delivering responsive, accessible, and high-quality user interfaces that enhanced engagement across **NEW NETZ** platforms. **NEW NETZ** is a leading energy network operator in Germany, serving millions of customers and employing over **2,000 professionals** in the sector.
- **Typescript, Vue.js, React.js, Storybook and Playwright** were used to build dynamic, high-performance web applications, leveraging **GraphQL** for data management and **AWS (S3, Lambda, AppSync)** for scalable, cloud-based architecture.
- Partnered with UX designers in **Figma** to refine user flows and interface designs, enhancing usability and visual consistency across platforms.
- Mentored junior developers, fostering skills in modern frontend technologies.
- Conducted code reviews ensuring best practices and high-quality standards.

Product Software Engineer

March 2022

Valuecase, Hamburg

September 2023

- **Developed and optimized two fully fledged web applications** for the **Valuecase** SaaS platform, enabling sales teams to create personalized digital and highly interactive workspaces. **Valuecase** is a **VC-backed B2B SaaS startup** based in Hamburg, Germany, having raised **US \$3.48 million in seed funding** to redefine digital collaboration in enterprise sales.
- **TypeScript, React.js, Next.js, and NestJS** were used to build modular, high-performance interfaces, supported by **Tailwind CSS, Storybook, and Cypress** for consistent design systems and end-to-end testing.
- **Collaborated with UX designers in Figma** to refine user journeys and ensure a cohesive product experience across web and mobile platforms.
- **Led the development of a shared component library** based on **Atomic Design** principles, enhancing maintainability and design consistency across teams.
- **Implemented automated testing and CI/CD workflows** using **Jest, Cypress, and GitHub Actions**, ensuring robust releases and improved deployment reliability.

Frontend Software Engineer

March 2019



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German

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Languages

Arabic

English

German

French

IT skills

AWS (S3, Lambda, AppSync, Resolver)

ReactJs

Vue.js

TypeScript

Tailwind CSS

Storybook

JavaScript

GraphQL

AzureDevOps

Styled-components

React hooks

PostgreSQL

React-Query

TanstackRouter

Tanstack Table

Cypress

Jest

NestJs

Prisma

Auth0

GitHub Actions

DPDHL, Bonn & Frankfurt

February 2022

- **Led frontend development** for next-generation **Point of Sale (POS) systems** at **Deutsche Post DHL**, one of the world's largest logistics companies with over **600,000 employees** operating in more than **220 countries**.
- **React.js, Redux, and Redux Saga** were used to build performant, maintainable interfaces capable of handling complex workflows and real-time data synchronization across multiple retail environments.
- **Integrated APIs and optimized data flows**, ensuring smooth communication between frontend and backend services.
- **Collaborated with distributed teams** across **Bonn and Frankfurt**, aligning technical efforts within large-scale enterprise delivery cycles.
- **Implemented CI/CD pipelines** using **Jenkins**, and enforced quality standards through **SonarQube**, improving maintainability and reducing regressions.

Junior Frontend Software Engineer

January 2017

Star Container (Maersk Group) , Remote

December 2018

- **Developed responsive React.js interfaces** for container tracking and fleet management dashboards, improving data visibility and operational efficiency for logistics teams.
- **Collaborated with backend teams** to integrate RESTful APIs and ensure seamless real-time data synchronization across distributed systems.
- **Implemented reusable UI components** and modular architecture, reducing front-end development time and improving consistency across multiple internal tools.

Education

Master's Degree in Software Engineering and Management

2016

2019

Heilbronn University, Heilbronn

Grade: Good, 1.6 (German grading system)

Bachelor's Degree in Information Technology

2012

2015

Institut supérieur des études technologiques-
, Mahdia

Major: Software Development

Qovery

Docker

Redux

Redux Saga

C#

ASP.NET

Entity Framework

Jenkins

SonarQube