Ahmed Mouelhi

Software Engineer | Web Development Specialist

amdmh.com | linkedin.com/in/mouelhiahmed | mouelhi.ahmed@gmail.com | github.com/amddevmh |
+49 173 7542092

Summary

Dynamic full-stack engineer with 5 years of experience crafting robust web applications for industry leaders. Expertise in NextJS, ReactJS, TypeScript, Javascript, NestJS, NodeJs and cloud technologies. Proven track record of delivering scalable solutions in energy, logistics, and SaaS sectors. Multilingual professional adept at bridging technical and business needs in diverse, international environments.

Experience

Software Engineer @ Conventic, Bonn, Germany – (February - Present)

- Full-stack engineer at Conventic, specializing in web applications for the German energy sector
- Key contributor to NEW NETZ projects, developing and maintaining scalable solutions
- Utilize AWS cloud services, Vue.js, and GraphQL to build robust applications
- Collaborate with cross-functional teams to design and implement full-stack systems
- Enhance energy management capabilities through innovative software solutions
- Leverage TypeScript and Azure DevOps for efficient development and deployment processes

Tech Stack: NextJs, ReactJs, AWS (S3, Lambda, AppSync, Resolver), Vue.js, Storybook, JavaScript, TypeScript, GraphQL, Azure DevOps

Full-stack Engineer @ Valuecase, Hamburg, Germany – (March 2022 - September 2023)

- Full-stack engineer at Valuecase, focusing on feature development for SaaS applications
- Led implementation of key features using ReactJS and NestJS
- Developed a comprehensive component library adhering to Atomic Design principles
- Implemented Cypress for robust UI testing, enhancing application reliability
- Utilized advanced React ecosystem tools including React Query and Tanstack Router
- Collaborated closely with product managers and UX designers to deliver user-centric solutions
- Employed a diverse tech stack including TypeScript, Tailwind CSS, Prisma, and Docker

Tech Stack: NextJs, ReactJs, TypeScript, Styled-components, Tailwind CSS, React hooks, React-Query, Tanstack Router, Tanstack Table, Cypress, Jest, NestJs, Prisma, Auth0, PostgreSQL, GitHub Actions, Qovery, Docker

Full-stack Engineer @ DPDHL, Bonn & Frankfurt, Germany – (March 2019 - Feb 2022)

- Full-stack engineer at Deutsche Post DHL, focused on developing new Point of Sale (POS) systems
- Led front-end development efforts, creating robust and user-friendly interfaces
- Managed complex data flows and implemented critical API integrations
- Developed backend endpoints using ASP.NET (C#), ensuring seamless front-end and back-end communication
- Utilized ReactJS with Redux and Redux Saga for state management in large-scale applications
- Implemented continuous integration practices using Jenkins and code quality checks with SonarQube
- Collaborated across multiple locations (Bonn & Frankfurt) to deliver cohesive solutions

Tech Stack: ReactJs, Redux, Redux Saga, TypeScript, C#, ASP.NET, Entity Framework, Jenkins, SonarQube

Full-stack Engineer @ DevBits, Tunis, Tunisia – (Jan 2016 - March 2019)

- Delivered end-to-end web solutions for diverse clients, managing both front-end (ReactJS) and back-end (C#, ASP.NET) development.
- Led full project lifecycles, from concept to deployment, ensuring scalable, maintainable, and custom solutions tailored to business needs.
- Implemented modern JavaScript frameworks and libraries to create dynamic, responsive user interfaces, integrating them seamlessly with back-end systems.
- Streamlined deployment processes using cloud services and continuous integration tools, maintaining high code quality while collaborating closely with clients to meet their technical requirements.

Tech Stack: ReactJS, Redux, Redux Saga, TypeScript, C#, ASP.NET, Entity Framework, Jenkins, SonarQube, aws

Education

Master's Degree in Software Engineering and Management
Heilbronn University, Heilbronn, Germany (2016 – 2019)
Grade: Good, 1.6 (German grading system)

Bachelor's Degree in Information Technology
Institut supérieur des études technologiques, Mahdia, Tunisia (2012 – 2015)
Major: Software Development

Languages

Proficient in Arabic 🇹🇳 , English 🇺🇸 , German 🇩🇪 , and French 🇫🇷