AHMED MHIRI

Full-Stack Developer & Computer Science Student

✉ ahmedmhiri2004@gmail.com | 📞 +49 155 60143469 | Bochum, NRW, Germany

🌐 Portfolio | ⦿ GitHub | in LinkedIn

PROFILE

Goal-driven Full-Stack Developer and Computer Science student specializing in Angular and Spring Boot. Possesses hands-on experience in designing and implementing end-to-end solutions, including **CI/CD**, **Docker** containerization, and **cloud deployment**. Seeking a working student position to contribute to building scalable web applications by applying development best practices.

PROJECTS

Retail-Flow: Intelligent Finance Hub | *Angular, Spring Boot, Docker, Terraform, AWS, GitHub Actions* *Freelance Project*
- Engineered a scalable frontend architecture with **Angular**, built upon reusable **Services**, route protection with **Guards**, and global API request handling with **HTTP Interceptors**.
- Implemented a clean **Layered Architecture** (Controller, Service, Repository) in the backend, utilizing **DTOs** and **Mappers** to ensure a clear separation of API and database layers.
- Built a fully automated **CI/CD pipeline** with GitHub Actions for rapid, quality-assured deployments on **AWS**.
- Orchestrated cloud infrastructure as code (IaC) using **Terraform** and **Docker Compose**.

Fullstack Supplements Website | *Angular, Spring Boot, MySQL, JWT* *Personal Project*
- Designed a modular **Angular frontend** that utilizes **Services** for centralized state management and **RxJS** for asynchronous data streams.
- Developed **RESTful APIs** applying the **DTO pattern** to optimize client-server data transfer.
- Secured the application via token-based authentication using **Spring Security** and **JWT**.

Angular RentCar Project | *Angular, TypeScript, HTML, CSS* *Personal Project*
- Architected an interactive **Single-Page-Application (SPA)** with a well-defined component structure.
- Implemented **Role-Based Access Control (RBAC)** using **Angular Guards** to secure application routes.
- Utilized **Angular Reactive Forms** with complex, client-side validation for robust user interaction.

EDUCATION

Dortmund University of Applied Sciences	Dortmund, Germany
Computer Science (B.Sc.)	*09/2024 – Present*
Intensive German Language Studies	Germany
Certificate: telc C1 Hochschule	*07/2023 – 04/2024*
Lycée Pilote High School	Sfax, Tunisia
University Entrance Qualification (Abitur), Final Grade: 1.7 (German scale: 1 is best)	*until 06/2023*

SKILLS & TECHNOLOGIES

Frontend	Angular, TypeScript, JavaScript (ES6+), HTML5, CSS3, SCSS, RxJS, Angular Material, Tailwind CSS
Backend	Spring Boot, Java, RESTful APIs, Spring Security (JWT)
Databases	MySQL
DevOps & Cloud	Docker, Terraform, AWS, CI/CD, GitHub Actions, Git

LANGUAGES

Arabic	Native
German	Professionally Fluent (C1)
French	Fluent
English	Proficient (B2)