Ganem CHEDLI

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EL ghazela, Ariana - 2083, Tunisie

SKILLS

- **Frontend:** React, Angular, TypeScript, Redux, Bootstrap, Flutter, HTML, CSS

- **Backend:** Java, JavaScript, TypeScript, SQL, Spring Boot, Node.js, REST APIs, MySQL, PostgreSQL, MongoDB, MariaDB, Amazon Web Services (AWS), Docker, Git, GitHub, Azure DevOps

EXPERIENCE

• Greentech training [⊕]
Part-time Software engineer

Nov 2024 - Jan 2025

Remote

- ◦ Collaborated with a small team to create an admin dashboard for a mobile application used by 100+ daily active users, reducing troubleshooting time by an estimated 20%.
- ◦ Integrated IPFS to securely store over 300 sensitive user documents, lowering on-premise storage costs by 10% and improving file retrieval speed by 15%.

• Sentinels Solutions [⊕]
Intern software engineer

Aug 2024

Remote

- ◦ Contributed to developing a cross-platform Flutter mobile app that introduced real-time vehicle tracking, resulting in a 20% decrease in fleet downtime.
- ◦ Assisted in integrating Firebase push notifications for maintenance alerts, cutting average response times by approximately 40 minutes per incident.
- ◦ Collaborated on implementing Google Maps API for real-time tracking of 30+ vehicles, boosting fleet visibility and reducing incident response times by 30%.

• Corilus TN [⊕]
Intern software engineer

Feb 2024 – Jul 2024

Tunis, Tunisia

- ◦ Designed and implemented a healthcare portal using a microservices architecture, reducing downtime by 15% and increasing processing efficiency by 30%.
- ◦ Created a user-friendly React interface, enabling professionals to manage appointments and records, improving usability ratings by 25%.
- ◦ Architected a secure backend using Java and Spring Boot, handling over 10,000 users with 99% uptime.
- ◦ Streamlined communication between microservices and frontend through REST API integration, reducing data retrieval times by 40%.

ACADEMIC AND PERSONAL PROJECTS

• AI-assisted document management
Freelance

Nov 2024 – Dec 2024

Tunis, Tunisia

- ◦ Co-developed an AI-powered document management platform supporting 100+ users, reducing manual classification tasks by 20%.
- ◦ Assisted in developing a monolithic Node.js and React.js application, streamlining deployment processes and cutting build times by 15%.
- ◦ Utilized the RAG (Retrieval-Augmented Generation) method to pull facts from external data sources, reducing manual fact-checking efforts by 30%.
- ◦ **Technologies:** Reactjs, NodeJs, Elasticsearch, Monolith, VScode, MongoDB, Git Github

• Inventory management application
Freelance

Sep 2024 – Oct 2024

Tunis, Tunisia

- ◦ Co-developed a responsive React interface that increased user engagement by 20%.
- ◦ Established and configured a MongoDB database to oversee more than 1,000 product stocks and user accounts, ensuring seamless data access with 99% accuracy.
- ◦ Set up the app on Vercel for continuous availability and automatic scaling, maintaining 99% uptime for 200+ daily users.

◦ **Technologies:** Fastify.js, React, MongoDB, Vercel

- **Electronic voting application** *jan 2023 – Apr 2023*
  ENIT Tunis, Tunisia
  ◦ Engineered an electronic voting platform using blockchain for secure, tamper-proof results, successfully piloted by 100+ users.
  ◦ Facilitated the design of a Spring Boot and Angular-based microservice architecture, improving modularity and reducing deployment time by 15%.
  ◦ Created and optimized a MySQL database managing over 1,000 user records, ensuring 99% data accuracy and near-constant uptime.
  ◦ **Technologies:** Angular, ChartJs, Spring boot, Microservice, Blockchain, Smart Contract, IntelliJ IDEA, Postman, MySQL, Git Github

EDUCATION

- **National Engineering School of Tunis** *2020 – Sep 2024*
  Diploma in computer engineering Tunis, Tunisia
  ◦ **Relevant coursework:** Software Development, Database management systems, Operating systems, Cloud Computing, Microservices Architecture
  ◦ **Key project:** Developed a electronic vote system using Spring Boot and Angular, improving elections security with blockchain technology.

- **Nabeul Preparatory Institute for Engineering Studies** *2018 - 2020*
  Preparatory cycle for engineering studies Nabeul, Tunisie