Adem Rejeb

Software Engineering Student

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Education

○ **Computer Engineering Degree** *ESPRIT School of Engineering*   **Ariana, Tunisia** *Sep.2022 - Present*

Relevant Courses: Software developement, DataBase Administration, DevOps, Programming, Networking.

○ **Preparatory Cycle for Engineering Studies** *IPEI Nabeul*   **Nabeul, Tunisia** *Sep.2020 - Jun.2022*

Relevant Courses: Math, Physics, Python Programming, SQL Databases.

Professional Experience

Software Engineer Intern *(ArabSoft)*   **Tunis, Tunisia** *Jul.2024 - Sep.2024*
- Developed a web application that represents a job portal connecting job seekers with potential employers (+500users).
- Employed Spring Framework and Microservices Architecure for the server side development and utilized Angular for the client side.

Web Development Intern *(K-TECHNOLOGIES)*   **Bizerte, Tunisia** *Jul.2023 - Sep.2023*
- Designed a web solution that offers a dozen of TV offers and the ability to purchase diverse IT Products.
- Adopted Spring Framework for Back-end development and created vivid user interfaces with Angular. for the Front-End
- Implemented Stripe API to ensure secure and seamless payment process through the web application

Projects

LinkUpTournament   *01/2024 - 07/2024*
- Engineered a comprehensive MERN stack football tournament management application, incorporating advanced features that streamlined operations for over 500 users including organizers, players, coaches, and referees in real-time scenarios.
- Established a Real-Time Tournament On going (Results and Standings) tracking system along with Blockchain integration to ensure transparency and security.
- Introduced a CI/CD pipeline to ensure smooth deployment of the web Application through multiple tools such as Docker, Jenkins, SonarQube, Prometheus...
- Leveraged multiple (+5) external APIs (Rapid API, Steaming API, API-Football ..)
- Won the 1st prize of the best web application during the Projects Ceremony at the end of the academic year .

University Management Application   *10/2023 - 01/2024*
- Crafted 3 microservices (User, Absence, and Exam) with Spring and Spring Cloud on the application layer, while designing engaging, user-centric interfaces in Angular on the presentation layer.
- Ensured Security with KeyCloack integration for more than 300 users .
- Deployed each Container to DockerHub after creating the dockerfile for each of the 8 microservices and Docker-compose.

Skills

- **Programming Languages:** Java, JavaScript,C, C#, PHP
- **DevOps Tools:** Docker, Jenkins, Kubernetes, SonarQube
- **Frameworks & Libraries:** .NET, Spring, Angular, React, Express
- **Databases:** SQL (MySQL, Oracle), NoSQL (MongoDB)

Project Management Tools & Methodologies : Jira, Trello, Notion, Agile, Scrum

Soft Skills And Interests

Soft Skills: Leadership, Teamwork, stress management, curiosity

Interets: Chess, Aritificial Intelligence, quantum computing, Blogging

Languages

- **English** [C1] - Advanced   **Dutch** [C1] - Advanced   **Korean** - Native

Extra Professional Experiences

- **Delegate of 700+ students:** IPEI Nabeul 2021
- **Integration Day organizer:** IPEI Nabeul, Sep 2022
- **Member:** ROBOPEIN 2021
- **Engineering Road Organizer:** IPEI Nabeul, Feb 2022