AHMED BEN ROMDHANE

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PROFESSIONAL EXPERIENCE

SofiaTech, Tunis, Tunisia   01/2023 - 08/2023
End of studies internship - Development of a project management application
- Implemented backend functionalities using **Node, Express** and **MySQL**.,
- Developed the frontend using **Angular**, creating a responsive and user-friendly interface.
- Provided a dashboard with KPI charts and other useful information, improving decision-making speed by **40%**.
- Set up a **CI/CD pipeline** with **GitLab**.

SofiaTech, Tunis, Tunisia   06/2022 - 08/2022
Summer internship - Optimization of a skill tracking application
- Fixing backend related bugs in the application.
- Collaboration with the project manager to optimize the **UI** of the application using **Angular**.
- Implemented a feature that automates the insertion of employee data for HR managers, significantly **reducing data entry time by 90%** and improving accuracy.
- Containerization of the development environment using **Docker**.

Personal Projects

Transcription application
- I developed a YouTube video transcription application using a combination of **Django**, the **Assembly AI API** and **Angular**. This application allows accurate and fast conversion of audio content from YouTube videos to text with **95% accuracy**.

CV parser
- I created a CV analysis and job matching application. Users upload CVs through a **React** interface. A **Node.js** server manages downloads and sends messages to **RabbitMQ** for asynchronous processing. A **Flask** server processes these messages, extracts text, applies **NLP** techniques achieving around **80% accuracy rate in text extraction**, and uses algorithms to match resumes to job postings.

Client registration microservice
- I created a customer registration notification microservice with **Spring Boot** using **Eureka** for service discovery, **RabbitMQ** for queues, and **Zipkin** and **Sleuth** for trace tracking. Also, I **Dockerized** the microservice for efficient deployment, then used **Kubernetes** to orchestrate and manage the containers.

Education

Private Higher School of Engineering and Technology**,** Tunis,Tunisia   2020 - 2023

Preparatory Institute for Engineering Studies of Nabeul**,** Nabeul,Tunisia   2017 - 2020

SKILLS & OTHER

Programming languages: Javascript, Typescript, Java, Python, C, PHP, SQL, C#
Frameworks:Symfony, Node, Express, Angular, React, Django, SpringBoot, Flask, .NET, Bootstrap
Libraries: Socket.io, RxJS, NgRx
Technologies: Docker, Kubernetes, CI/CD pipeline, Elasticsearch, RabbitMQ, GraphQL, Redis
Languages: English(B2), French(B2)
Tools: Jira, Sonarqube, Vagrant