Oumayma Ayachi

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EDUCATION

Computer engineer at ESPRIT | Tunisia, Ariana | September 2021 - July 2024

Web and Internet Technologies (TWIN) Specialty

Bachelor of computer science at ISIMM | Tunisia, Monastir | September 2018 - July 2021

Computer Systems and Software Specialty

Bachelor's degree in Experimental science at High school LDA | Tunisia, Kairouan | September 2017 - July 2018

WORK EXPERIENCE

Part Time at Smartovate - Belgium, Brussels (Remote)   **September 2023 - November 2023**

- Designed and implemented multilingual chatbot functionality by seamlessly integrating Rasa and Django, enabling support for Arabic, English, and French languages.
- Applied unit tests using PyTest, ensuring 100% code coverage and eliminating critical bugs in the chatbot.

ENGINEERING INTERNSHIP at Caustaza Group LTD - London, Covent Garden (Remote)   **June 2023 - August 2023**

- Engineered an intelligent recruitment platform and quiz test leveraging Django and Python, combining robust functionality with seamless user experience.

COMPANY IMMERSION INTERNSHIP at Spectrum Groupe - Tunisia, La goulette   **July 2022 - September 2022**

- Developed two macros using Forge UI and React to enhance user experience and productivity in Confluence.

END OF STUDY PROJECT at TADA - Tunisia, Monastir   **February 2021 - July 2021**

- Constructed seven distinct types of diagrams to conceptualize and illustrate various aspects of the project.
- Architected and seamlessly integrated a quiz testing system incorporating a tech stack of Angular, Node.js, TypeScript, MongoDB, Bootstrap, RestAPI, and Adobe XD.

HUMAN AND SOCIAL TRAINING INTERNSHIP at Tunisie Telecom - Tunisia, Kairouan   **July 2019 - August 2019**

- Engage actively in evaluating current programs to gauge their effectiveness and identify areas

ACADEMIC PROJECTS

Social media and job board web app for people with disabilities (Sociala)

ESPRIT | September 2023 - November 2023

- Realized authentication and authorization using Keycloak for secure user access.
- Utilized Docker for containerization, improving deployment efficiency using Spring Boot, NodeJS, React, MongoDB, H2, MySql, API Getway, Keycloak, Docker,RestAPI, Bootstrap.

Automated Backend Infrastructure Deployment for Ski Station

ESPRIT | September 2023 - November 2023

- Deployed continuous integration and deployment (CI/CD) pipelines using tools: Angular, TypeScript, Spring Boot, JPA, Rest API, Jenkins CI/CD, Grafana, Prometheus, SonarQube, Sonatype/Nexus3, Vagrant.
- Achieving a coverage of 89% through comprehensive testing using mock.

E-Learning and Workspace for Trisomy (Down To Work)

ESPRIT | January 2023 - May 2023

- Create both the Front and Back side for the platform by leveraging: React,NodeJS,MongoDB,Rest API,Bootstrap,Jira.

E-commerce app for online shopping (META-TECH)

ESPRIT | January 2022 - May 2022

- Achieving three available platform such as desktop,web app, mobile app with: Java, PHP, Symfony 4, Codename One.

ADDITIONAL

- Technical Skills:C/C++, java, HTML5, CSS3, php, JavaScript, TypeScript, Python, R, JEE, VB.NET, Angular, React, Next.js, Spring Boot, Symfony, Django, NodeJS, RestAPI, Forge UI, SQL, PL/SQL, MongoDB, PostgreSQL, git,github,Maven, Devops CI/CD, Jenkins, SonarQube, Sonatype/nexus3, Prometheus, Grafana, Linux, Matlab.
- Soft Skills: Assisted in effective communication within diverse teams, navigated team dynamics effectively, encouraged collaboration and empathy, demonstrated problem-solving skills, delivered projects on time through effective prioritization, applied creativity to enhance solutions, and exhibited leadership in guiding team initiatives.
- Language Skills: English (Business Professional),French (Business Professional), Arabic.