Sami Ayachi

✉ semiayachi.contact@gmail.com 📱 +216 24 580 301 in sami ayachi 🌐 my website

OBJECTIVE

Aspiring Software Engineer and Full Stack JavaScript Developer . I am seeking a better opportunity for my end-of-study project, aiming to work on a creative and impactful project that aligns with my career goals.

EDUCATION

EPI DIGITAL SCHOOL   **Sept 2022 - June 2025**
  Engineering Degree in Computer Engineering

HIGHER INSTITUTE OF COMPUTER SCIENCE AND COMMUNICATION TECHNOLOGIES Sept 2019 - July 2022
  Bachelor's Degree in Computer Science and Multimedia

EXPERIENCE

Arsela Technologies - Sousse, Tunisia   **Project Link: e-Citoyen**
Full-Time Full-Stack Developer   **February 2024 - Present**

• Developed responsive user interfaces using React and Next.js, ensuring compatibility across different devices.
• Implemented a notification feature using Socket.io for real-time communication.
• Built a scheduled queue system with Redis to manage tasks, including a process to clean up unusable data.
• Created backend endpoints to support new features and optimize existing workflows.
• Enhanced styling and user experience using libraries such as Bootstrap, Tailwind CSS, and Framer Motion.
• Developed reusable components and introduced a new task type in the process flow capable of running multiple tasks concurrently.

Keywords: Redux, Redux Saga, Next.js, React.js, Express, MongoDB, Redis

Arsela Technologies - Sousse, Tunisia   **Project Link: wide**
Summer Intern   **June 2023 - August 2023**

• Transformed Figma UI designs into pixel-perfect, user-friendly, and responsive interfaces.
• Developed a REST API with Django to calculate mortgages, using NumPy as the core library, and integrated it into the frontend.
• Implemented dynamic charts and responsive graphical interfaces that adjust based on web service responses.

Keywords: React JS, Django, Next.js, ApexCharts, NumPy, Git, GitLab.

Reactit - Sousse, Tunisia
End-of-Study Project Intern   **February 2022 - June 2022**

• Developed a user-friendly interface using React, particularly for the dashboard section.
• Developed mobile interfaces for the client side.
• Prepared necessary web services by modules (admin module, user module, category management module, warranty management module, quotation generation module).
  Keywords: Node.js, Express.js, React JS, React Native, Material UI, Redux, MongoDB, Git, GitLab.

PERSONAL PROJECTS

• **Design and Development of a Loan Application System:** I developed a loan request process using Spring Boot for the backend with Spring Security for authentication and authorization. On the frontend, I implemented reusable components and a responsive design compatible with various screen types. I also created an endpoint in Django for loan simulation calculations and used Redux Toolkit for state management and reporting. The entire application was containerized with Docker, and I set up a CI pipeline with Jenkins to automate builds for both backend and frontend, pushing the images to Docker Hub.
  GitHub Repository: View the Loan Application Repository on GitHub
• **Development of an Online Learning Platform:** I developed an online learning platform that includes features for managing teachers and students, as well as creating and managing classrooms. The backend was built using Laravel, the frontend with Angular, and it was connected to an SQL database.
  GitHub Repository: GitHub Repository: View the e-Learning Frontend Repository on GitHub

ADDITIONAL

• **Certifications:** Microsoft Azure Fundamentals AZ-900 /Azure AI Fundamentals / Keeping Up With the Javascripts: ES6
• **Technical Skills:**   Python (Django), Angular, ReactJS,NextJS, NodeJS,ExpressJs, Java (Spring Boot), SQL(PostgreSQL), NoSQL(MongoDB), Git, GitHub, DevOps(Docker, Azure, Jenkins)
• **Language Skills:** English ,Arabic (Native), French .