

Omar Assouma

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Work Experience

Full Stack Developer

Meikosoftware, Istanbul

08/2023 - Present

- Worked on key components and authentication systems for a POS device application for Nusr-Et in the UK, ensuring robust security and seamless user transactions.
- Developed backend solutions for multiple energy company projects using Flask (Python), significantly enhancing data processing capabilities.
- Built dynamic front-end interfaces with React for large-scale applications, enhancing user experience through improved navigation and responsiveness.

Undergraduate Researcher

PURE, Istanbul

03/2023 - 06/2023

- Created several metrics that measures software engineering and code quality tasks of a given repository using python.
- Calculates a quality score for the repository using a set of quality indicators and provides a detailed report on the code quality and areas for improvement.
- Analyzes the contributions of each user to the repository and calculates the user's impact on the quality score.

Software Engineer Intern

Edenred, UAE

08/2022 - 11/2022

- Designed and built an ecommerce website to allow buyers to add to cart, login/register, and purchase products. Utilized operations on a data store MySQL using C#, .NET core, ReactJS
- Implemented JWT authentication for my Web API's to ensure data transmission.
- Collaborated with Senior developers to perform code review and maintain code quality.

Education

Sabanci University, Istanbul Turkey

09/2019 - 06/2023

Undergraduate in B.S Computer Science Engineering

Skills

Languages: Python (Flask), Typescript, Javascript, C#, C++

Technologies: ReactJS, NodeJS, NextJS, .NET core, Redis, MySQL, PostgreSQL, Firebase, Git, Docker, HTML, CSS, Tailwind

Projects

GGtwitter

06/2023 - 07/2023

- Built a twitter-inspired social platform utilizing cutting-edge technologies including Typescript, ReactJS, NextJS and My SQL with Prisma schema.
- Enabled online friend groups to share real-time updates and experiences through personalized tweets, fostering a vibrant and engaging community.

InnovateX Academy

09/2022 - 06/2023

- Enabled hundreds of university students to grasp entrepreneurship and innovation principles by collaborating with a professor to develop an educational website for a course at Sabanci University using React and nodeJS.
- Implemented a secure database management system using Firebase to allow for efficient data storage and retrieval of student progress and course materials.