AUGUSTIN SOREL

Leicester, UK · +44-73-06-89-13-10 · sorelaugustin@gmail.com · https://augustin-sorel.com

Upcoming BSc graduate offering a strong foundation in software engineering. Experienced in full stack web development, object-oriented programming, data structure, algorithm and testing.

PROFESSIONAL EXPERIENCE

Tarmac Technologies, Paris - remote, FR — June 2022 – Present

Front End Developer

- Performed software maintenance and delivered new features for two major codebases designed to be used by airline companies and airports ground workers.
- Partnered with back-end developers and created a dynamic dashboard with live data using Typescript and React, resulting in website leads increase by 15%.
- Wrote modular, reusable and well tested components with React and Typescript that are currently being used by more than 10 000 of active users.
- Followed a strict TDD method to deliver code with a test coverage of almost 100%.
- Worked in accordance with Agile, attending daily Scrums and working in weekly sprints.

PROJECTS

Fullstack - T3 stack - gym tracker — September 2022 – November

Gym Tracker

- A PWA web app that allows users to track their gym progress. The app will calculate the one rep max of each of their exercises and will display the data with graphs.
- Users are able to authenticate with the help of google, github or email.
- Technologies used: zod pwa aws sql trpc nivo nextjs nodejs prisma postgresql zustand typescript react-query styled-components.

Fullstack - MERN stack - instagram clone — February 2022 – June

Instagram clone

- A fully functional Instagram clone where users can upload images, search their friends, like and comment on other people's posts and see a trending page.
- Users are able to authenticate with the help of email.
- Technologies used: jwt zod aws s3 nodejs multer reactjs express mongodb zustand typescript react-query framer motion styled-components.

Simulation - C# WPF - double pendulum simulation — January 2021 – June

Double Pendulum Simulation

- A complete customizable double pendulum simulation where users can change the weight, friction, gravity and radius of each circle. Giving a true chaotic double pendulum.
- Technologies used: C# WPF XAML

EDUCATION

Leicester University, Leicester, UK — September 2021 - Present

Bachelor of Software Engineering

- Awards: Best first year undergraduate with an overall grade of 90%.
- Achieved: Discrete Mathematics (95%), Computer Architecture(96%), Algorithms, Data Structures and Advanced Programming (87%), Computer Architecture(96%), Object Oriented Programming (99%).

Peter Symonds College, Winchester, UK — 2019 - 2021

A Level - Math, Computer Science, French

- Achieved: A*, A*. A in those classes respectively.