

Umar Farouk Yusuf

Software Engineer

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Projects

Conscript | construction costs tracking app

- currently handling \$696k+ in real world transactions
- worked closely with stakeholders to grow projects by ~34% in one year
- developed a mobile targeted web interface with React
- developed REST API to handle CRUD operations on MongoDB database instance
- developed modular expressJS authentication system with bcrypt and JWTs
- setup CI pipeline to containerise and deploy application

Experience

Frontend Developer

Brainbloom

Sept 2020

- developed and deployed site and mailboxes handling 40.57k monthly requests with 99.8% uptime
- implemented SSL, CDN and SEO ranking 1st on google search
- setup domain and web hosting and managed infrastructure for the project

Code4Good Hackathon Contestant

J.P. Morgan

May 2022

- collaborated with a team of 4 to design, develop, and deploy a web application that helps connect volunteers with local charities in under 24 hours
- achieved a special mention from the judges for out of the box thinking and key problems identification

Volunteer Childrens' Programming Tutor

Brainbloom

Aug 2021

- collaborated with staff and management in developing a three-week learning plan and objectives to optimise learning outcomes
- introduced core programming concepts using Scratch 3 whilst adapting methods to each pupil's individual level and needs
- introduced pupils to a project based learning flow

Mentee | Mentoring Programme

HSBC

Aug 2021 - Nov 2021

IEUK Technology Attendee

Bright Network

June 2022

Education

B.Sc in Software Engineering

University of Glasgow

Sept 2021 - May 2024

Foundation in Engineering

Glasgow International College

Sept 2020 - May 2021

Skills

Languages

HTML, CSS, Sass, JavaScript, Java, Python, C++, SQL

Technologies

Node.js, REST APIs, MongoDB, Mongoose, Firebase, Bcrypt, SocketIO, Docker, Github Actions, JUnit, Arduino

Frameworks

Express.js, jQuery, Tkinter, Flask, Django