

ROHAIL RAMESH

+44 7448706358 | rohailramesh@hotmail.com | London, United Kingdom | LinkedIn | GitHub | Portfolio

SUMMARY

First-class Computer Science graduate with full-stack development experience across fintech, healthcare, and education sectors. Proven track record in building scalable web and mobile applications using tech stacks (MERN, Next.js, React Native). Notable achievements include award-winning projects in enterprise chat platforms and healthcare innovation. Currently freelancing as web developer while serving as a Computer Science Teaching Assistant, demonstrating strong technical mentorship and project management capabilities. Seeking full-stack developer or similar position for creating impactful solutions.

SKILLS

- Python, JavaScript/TypeScript, Java, PHP, MERN Stack, SQL/NoSQL, REST APIs, Git, OOP, Linux, Jest, AWS, CI/CD

RELATED EXPERIENCE

Web Developer, Freelance

July 2024 – Present

- Developed scalable web applications using MERN stack, including a Next.js portfolio for a professional artist with CMS-based event management, and Stripe integration for instant booking, increasing event booking efficiency by 20%.
- Leveraged modern technologies such as Socket.io, ShadCN UI, Clerk, Cloudinary, MongoDB, TypeScript, and Zustand to enhance functionality, scalability, and user experience.

Computer Science Teaching Assistant, Queen Mary University of London

January 2023 – Present

- Mentored 7 teams through 12-week SDLC project, developing a well-being application for a consultancy firm (FDM Group) achieving 95% project completion rate.
- Led lab sessions for 200+ students across 5 core modules, improving average assignment scores from 65% to 78%.

Start Your Journey Technology & Data Intern, Lloyds Banking Group

August 2023

- Analysed extensive fraud detection dataset, contributing to 7% increase in detection accuracy, aligning with industry improvements from 85% to 92% in a bank simulation exercise.
- Collaborated in a 4-day virtual hackathon, developing innovative tech solutions and improving problem solving skills.

I Accelerator Technology & Engineering Intern, Rolls Royce

July 2022

- Designed and implemented a remote maintenance solution for urban mobility aircraft reducing average maintenance time by 25% per cycle.
- Presented a technical innovation proposal to senior engineer panel, achieving runner-up position among 10 competitive projects.

IT Support Specialist (EPR Implementation), Ideal Health & NHS Foundation Trust

April 2022 – May 2022

- Resolved 20+ software bugs during EPR system launch, improving user satisfaction from 70% to 92%.
- Trained 100+ healthcare staff on EPR system, reducing implementation time from 6 to 4.5 weeks.

EDUCATION

Bachelor of Science (First Class Hons), Computer Science, Queen Mary University of London
A-Level Maths (A*), Further Maths(A), Physics (B), Kettering Buccleuch Academy

September 2021 - July 2024
September 2019 - July 2021

PROJECTS

Portfolio: rohailramesh.com (for additional information and projects)

Machine Learning App for Preventing Luteal Phase Defect & Overcoming Period Product Poverty

Sep 2023 – May 2024

- Implemented LSTM model for predicting luteal phase length and preventing menstrual health issues with 80% accuracy.
- Technology Stack: Python, React Native, Flask, Supabase, TensorFlow, Pandas, NumPy, PostgreSQL

Cross platform App for Global Accommodation and Consultant Networking (FDM Group)

January 2023 – April 2024

- Led 7-member team to develop cross-platform global accommodation and networking application in 12-week sprint cycle for a consultancy firm, earning Best Software Engineering Award
- Technology Stack: Next.js, React Native, Node.js Redis, Tailwind CSS, Redux, Framer Motion, Google API, Chakra UI

ACHIEVEMENTS

Best Next-Generation Enterprise Chat Platform for 2030, Work in Fintech Summit London

September 2024

Best 2nd Year Software Engineering Project, Queen Mary University of London & FDM Group

April 2023

Best Academic Project Winner Computer Science & Engineering Oxford Brookes Summer School

April 2020