ROHAIL RAMESH

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

SUMMARY

First-class Computer Science graduate with extensive 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-time Software Developer or similar position for creating impactful solutions.

SKILLS

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

RELATED EXPERIENCE

Web Developer, Freelance   **July 2024 – Present**
- Developed scalable, web applications, including a Next.js portfolio for a professional artist with CMS-based event management, booking, and Stripe integration, as well as a dynamic MERN stack music streaming app featuring real-time chat, user analytics, and an admin dashboard.
- 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**
- Provide comprehensive support to module organisers during lab sessions, tutorials and assessment.
- Guide 7 teams through SDLC, developing a well-being app for a consultancy firm (FDM Group) for 12 weeks resulting in a 95% project completion rate.
- Modules assisted: Professional Research Practice, Fundamentals of Web Technology, Information System Analysis, Software Engineering, and Software Engineering Project.

Start Your Journey Technology & Data Intern, Lloyds Banking Group   **August 2023**
- Contributed to data analysis project focusing on fraud detection, showcasing technical and problem-solving skills.
- Showcased strategic thinking in a bank simulation exercise, delivering key insights and results to senior leadership, including the team lead and mentor panel.

I Accelerator Technology & Engineering Intern, Rolls Royce   **July 2022**
- Prototyped a remote maintenance and charging solution for urban mobility aircraft, with a focus on enhancing user safety.
- Presented the technical solution to senior leadership, earning runner-up recognition for innovation while addressing all stakeholder requirements

IT Floor Walker, Ideal Health & Ashford and St. Peter's Hospitals NHS Foundation Trust   **April 2022 – May 2022**
- Monitored and resolved 20+ software bugs during EPR system launch, achieving a 98% user satisfaction rate.
- Conducted training for over 100 healthcare professionals, accelerating adoption of the new system by 20% through clear documentation and proactive support.
- Applied problem-solving skills to enhance system stability and reduce downtime by 10% during a high-pressure implementation phase.

EDUCATION & ACHIEVEMENTS

Bachelor of Science (First Class Hons), Computer Science, Queen Mary University of London   **September 2021 - July 2024**
A-Level Maths (A*), Further Maths(A), Physics (B), Kettering Buccleuch Academy   **September 2019 - July 2021**

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**

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**
- Developed and maintained a full-stack mobile application using React Native, Flask, Supabase, TensorFlow.
- Implemented LSTM model for predicting luteal phase length and preventing menstrual health issues with 80% accuracy.
- Integrated personalised reminder system for academic institutions, significantly increasing user engagement by 30%.

Cross platform App for Global Accommodation and Consultant Networking (FDM Group)   **January 2023 – April 2024**
- Created and tested a cross-platform app using Next.js, React Native, Supabase, Node.js, Material UI and Redis.
- Led front-end development in a team of seven, using agile methods to optimise global accommodation and networking.
- Implemented real-time messaging functionality, enabling seamless communication and networking for consultants.