

# ROHAIL RAMESH

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## SUMMARY

Computer Science graduate with a solid foundation in full-stack development, interest in cloud technologies, and web development. Experienced in developing scalable applications using React, React Native, and Django. Seeking full-time position as Software Developer to leverage technical expertise to solve real-world problems, with demonstrated industry experiences.

## SKILLS

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

## RELATED EXPERIENCE

### Web Developer, Freelance

July 2024 – Present

- Built a responsive Next.js portfolio website for a professional artist, integrating a CMS for event management, real-time booking, and payment functionality using Stripe.
- Designed and developed a dynamic MERN stack music streaming app with real-time chat, user activity analytics, and an admin dashboard for managing albums and songs, leveraging technologies like Socket.io, ShadCN UI, MongoDB and TypeScript.
- Delivered scalable, user-centric solutions by utilising modern tools such as Clerk, Cloudinary, and Zustand, enhancing user experience

### Computer Science Teaching Assistant, Queen Mary University of London

January 2023 – Present

- Provided comprehensive support to module organisers during lab sessions, tutorials and assessment.
- Guided 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 (1st Year), Software Engineering, and Software Engineering Project (2nd Year).

### 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.

## PROJECTS

Personal Website: [rohailramesh.com](https://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.

## EDUCATION & ACHIEVEMENTS

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

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

September 2024

Best 2<sup>nd</sup> 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