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 Engineer to leverage technical expertise to solve real-world problems, with demonstrated industry experiences.

SKILLS

- Python, JavaScript/TypeScript, MERN Stack, SQL/NoSQL, REST APIs, Git, OOP, Linux, Jest/Unittest

RELATED EXPERIENCE

Web Developer, Freelance   **July 2024 – Present**
- Developed a responsive Next.js web application for a professional artist to showcase their portfolio, integrating a content management system for managing and promoting upcoming events.
- Enabled real-time event booking and payment functionality using Stripe, enhancing user experience and streamlining event registration.
- Utilised a modern tech stack including TypeScript, MongoDB, TailwindCSS, Shadcn, and Uploadthing for implementation.

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 tech consultancy firm 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.
- Prototyped a notification system, integrating user requirements and technical specifications.
- 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.

PROJECTS

Personal Website: 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, ensuring efficiency in diagnosing 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   **January 2023 – April 2024**
- Created and tested a cross-platform app using Next.js, React Native, Supabase, Node.js, 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

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**

ACHIEVEMENTS

- Best 2nd Year Software Engineering Project, Queen Mary University of London - 2023
- Best Academic Project Winner Computer Science & Engineering, Oxford Brookes Summer School - 2020

CERTIFICATES

- AWS Cloud Practitioner Essentials - 2024
- TryHackMe Introduction to Cyber Security - 2024