ROHAIL RAMESH

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SUMMARY

Computer Science graduate with a strong foundation in full-stack development, interest in cloud technologies, and machine learning. Experienced in building scalable applications using Next.js, React Native, and Django. Seeking full-time position as Software Engineer to leverage technical expertise to solve real-world problems, with demonstrated success in projects and industry internships.

SKILLS

- JavaScript, TypeScript, Python, Java, HTML5, CSS3, SQL, PHP, Git, Windows, Linux, MacOS

RELATED EXPERIENCE

Software Developer, Freelance   **July 2024 – Present**
- Developed a responsive 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 Next.js, TypeScript, TailwindCSS, Shadcn, and Uploadthing for implementation.

Computer Science Teaching Assistant, Queen Mary University of London   **January 2023 – April 2024**
- Provided comprehensive support to module organisers during lab sessions, tutorials and assessment marking.
- 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**
- Led a data analysis project focused on fraud detection, showcasing technical and problem-solving skills.
- Designed and tested a notification system, integrating user requirements and technical specifications.
- Demonstrated strategic thinking in a bank simulation, emphasising collaboration and technical competency.

I Accelerator Technology & Engineering Intern, Rolls Royce   **July 2022**
- Created a remote maintenance and charging solution for urban mobility aircrafts, underlining technical innovation.
- Presented technical solutions to senior leaders, integrating new technology insights.
- Collaborated with 5 team members to research and design software solutions.

PROJECTS

Personal Website: http://www.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 (Hons), Computer Science, Queen Mary University of London   **September 2021 - July 2024**

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