RAMESH SUDDU

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Spearheaded development of intuitive, responsive user interfaces by leveraging modern front-end technologies and best practices. Applied expertise in user-centered design to optimize web experiences and streamline API integration. Solved complex challenges from concept to deployment, adapting rapidly to new frameworks and tools. Collaborated effectively with cross-functional teams to deliver clean, maintainable code and drive exceptional project outcomes. Demonstrated commitment to enhancing user satisfaction through proactive communication and technical versatility.

EDUCATION

Computing (MSc), *Cardiff University (Russell Group), United Kingdom*   2022 - 2024

- Conferred: 2:1
- ***Key Modules****: Algorithms, Data Structures and Programming (83%), Software Engineering (86%).*
- learned software engineering principles, web development, and computational thinking.

Electronics and Communication Engineering (BEng), *JNT University, India*   2016 - 2020

- Obtained: 2:1
- ***Key Modules****: Analog and digital communications (81%), Java Programming (74%), C Programming (72%).*
- learned electronic circuit principles, computer algorithms, and embedded systems.

PROJECTS

AI Product Finder (HTML, CSS, JavaScript, Node.js, Express)   **Dec 2025**

Designed and implemented an AI-powered product search web application that dynamically generates product recommendations over 1,000 products with descriptions, categories, and ratings. Enabled users to efficiently browse, save, and compare items, resulting in a 30% increase in user engagement.

Automated Assessment Tool (Flask, Python, JavaScript, MySQL, Jinja2)   **Jul 2023**

Developed an automated assessment platform for lecturers, allowing creation of up to one hundred evaluations per semester and automatically grading over 5,000 responses, delivering real-time feedback to students, and reducing grading time by 60%.

Automatic Attendance System Using Face Recognition (OpenCV, MySQL, Python)   **Sep 2023**

Engineered an automated attendance system leveraging biometric authentication, processing attendance records for more than three hundred students daily, which reduced administrative workload by 40% and enhanced security and privacy.

WORK EXPERIENCE

FREELANCE FRONT-END DEVELOPER, *Self-employed*   **Nov 2024 - Feb 2025**

Client: Case Up Mobiles (caseupmobiles.com).

Designed and developed the entire user interface for a comprehensive E-commerce and automated repair booking platform, ensuring an intuitive customer journey and visually engaging web experience. Focused on delivering clean, responsive layouts and interactive components tailored to client requirements.

Key Contributions: Implemented secure and seamless payment integration, built a real-time appointment scheduler for effortless bookings, and optimised all interfaces for mobile and desktop use, directly enhancing user engagement and operational efficiency.

WEB DEVELOPER, *BYJUS (India)*   Nov 2020- Aug 2022

- Designed, built, and maintained user-facing web applications using React, TypeScript, JavaScript, HTML, and CSS, supporting digital learning platforms accessed by over 10,000 users, and ensured high performance and compatibility across desktop and mobile devices.
- Collaborated with Agile delivery teams including product managers, designers, and QA engineers to deliver over twenty new features, resolve UI defects, and implement iterative improvements in line with business and user requirements.
- Refactored front-end components to introduce modular structures and TypeScript-based type safety, increasing code quality and maintainability by 30%, and enforced best practices in version control and testing to support consistent, reliable releases.

OTHER WORK EXPERIENCE

RECRUITING OPERATIONS SPECIALIST - *Part time, Amazon BRS1. (Bristol, UK)*   Oct 2024 - Present

- Supported and managed enterprise-scale digital recruitment platforms and web-based HR systems, leveraging technical knowledge to ensure data integrity, platform accuracy, and seamless user experiences in high-volume hiring environments.
- Analysed, diagnosed, and resolved system, workflow, and data issues on live HR platforms using root cause analysis and technical troubleshooting, validating fixes, and collaborating with technical and operations teams to maintain platform reliability and minimise disruption.
- Worked with cross-functional stakeholders to assess technical changes, validate process updates, and ensure recruitment systems aligned with best operational and compliance practices, enhancing platform dependability and overall user satisfaction.

SKILLS & TECHNOLOGIES

- Programming Languages: Python, JavaScript (React), Java, C.
- Web Technologies: HTML5, CSS, Bootstrap, JavaScript, Flask (MVC), Jinja2.
- Databases: MySQL (relational architecture, integrity constraints), NoSQL (MongoDB), PostgreSQL, SQLite.
- Version Control: Git, GitHub.
- Cloud & APIs: RESTful APIs, Serverless Architectures, Cloud Deployment (AWS).
- Software Development: Agile/Scrum, Waterfall (exposure via projects), Test-Driven Development, Unit Testing, Code Review, SOLID Principles.

CERTIFICATION

- **Front-End Developer Certificate** – Coursera (Issued by Meta), June 2025.
- **AWS for Developers Certificate** – LinkedIn Learning (Issued by Amazon), February 2025.