Sasun Madhuranga

UNDERGRADUATE IN IT | ASPIRING SOFTWARE ENGINEER

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Summary

Aspiring software developer with a background in arts and a Bachelor's in Information Technology, currently focused on full-stack web development and scalable application design. Proficient in JavaScript, React, Node.js, MongoDB, and RESTful APIs, with hands-on experience from real-world projects. Demonstrated success in building user-centric platforms, managing 1,000+ e-commerce transactions, and creating content for an audience of 62,000+ subscribers. Eager to contribute both technical and creative skills to collaborative software engineering teams.

Professional Experience

Content Creator   **2019 - Present**

- Produced educational and engaging video content for a YouTube channel with over 62,000 subscribers.

- Created and implemented data-driven content strategies using YouTube Analytics, TubeBuddy, and Google Trends, resulting in higher viewer retention and discovery.

- Optimized SEO to increase reach and engagement, leading to a consistent 20% monthly growth rate.

Online Entrepreneur   **2021 - 2024**

- Operated an e-commerce store successfully, fulfilling over 1,000 orders with no customer complaints.

- Automated and streamlined inventory and logistics workflows using platform tools, reducing manual workload by 50% and achieving 100% on-time delivery for 1,000+ orders.

- Leveraged data analytics and platform tools to optimize sales performance and 100% customer satisfaction.

- Executed end-to-end digital marketing campaigns with performance via tools, increasing conversion rates.

Projects & Technical Experience

Instagram Clone | Full-Stack Developer   **2025**

MongoDB, Express.js, React.js, Node.js, Tailwind CSS, JWT

- Engineered a fully responsive Instagram clone, with features for media upload, post creation, and 99.9% system uptime.
- Implemented JWT-based authentication and protected RESTful API routes to ensure secure user sessions and data integrity.
- Replicated over 6 core features such as user posts, likes, comments, and profiles, and related sub-features.

Legal Assistance App with AI chatbot   **2024 – 2025**

React.js, Python, PHP, HTML/CSS, Rasa, JavaScript

- Created a legal support platform for consultation, document creation, and case handling.
- Integrated an AI-powered chatbot using the Rasa framework, enabling 24/7 automated legal support.
- Achieved a 65%+ resolution rate for user queries and reduced human support workload by 40% and average query response time.

Inventory Management System   **2024**

HTML, CSS, JavaScript, PHP, MySQL

- Engineered a tool to track inventory levels, purchase orders, and reports, enhancing operational efficiency for end users.
- Enhanced stock tracking accuracy by 30% through real-time updates and reporting.

University Hostel Management System   **2022**

HTML, CSS, JavaScript, PHP, MySQL

- Built a web app for booking, payments, and admin management of university hostels.
- Reduced manual operations by 60% with dashboards, authentication, and transaction tracking features.

Education

BSc in Information Technology   **2021 - 2025**

University of Moratuwa, Colombo, Sri Lanka

BA (Hons)   **2014 - 2018**

University of Peradeniya, Kandy, Sri Lanka

Technical Skills

- **Languages:** JavaScript, Python, PHP, Java, HTML, CSS, SQL
- **Frameworks/Libraries:** React.js, Node.js, Express.js, Tailwind CSS, Rasa
- **Databases:** MongoDB, MySQL
- **Tools/Platforms:** Git, GitHub, JWT, Adobe Premiere Pro, Photoshop, After Effects, Google Analytics, Amazon Web Services (AWS)
- **Other:** RESTful APIs, API Integration, Authentication, Object-Oriented Programming (OOP), UI/UX, SEO, Version control, MVC architecture, Android Development, Quality Assurance

Certifications

Advanced React – Meta (Coursera)   **2025**

Credential ID: C7GDNJEPZ7A8

Developing Back-End Apps with Node.js and Express.js - IBM (Coursera)   **2025**

Credential ID: TJUEJE3L57T0

AWS Cloud Technical Essentials – AWS (Coursera)   **2025**

Credential ID: 6KCB3WOKJLUZ

Additional Information

Languages: Fluent in English

Notice Period: 2 Months