G Jagadish

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Prefossional Summary

Full-Stack Developer with 1 year of experience in building responsive web applications and creating Python-based automation tools to reduce manual tasks. Skilled in Python, Djnago, JavaScript, React Native, and MySQL, with a strong focus on problem-solving and performance optimization—cut API response time by 30% and reduced manual work by 40% through automation. A reliable team player who collaborates well in agile environments to deliver efficient, user-friendly solutions

Work Experience

Member of Technical Staff (Full Stack Development Role)   *Sep 2024 - Present*

Automation Event Video Generator (Python, OpenCV, Tkinter, API)

- Built an automation system from scratch to generate event highlight videos and distribute them via WhatsApp.
- Used Python + OpenCV for video processing (trimming, merging, overlays) and Tkinter for a user-friendly GUI.
- Integrated WhatsApp API to automate sending videos to clients.
- Reduced manual effort by 80–90%, cutting delivery time from several days to a few minutes.

Sales Data Management Web & Mobile Application (React Native, Firebase, Google sheets, Appscript, APIS)

- Built a cross-platform mobile app and web application from scratch to automate sales data entry and tracking.
- Implemented role-based access control with authentication for admins, managers, and sales agents.
- Added features for live sales tracking and meeting scheduling with real-time updates.
- Improved data accuracy and enabled managers to monitor sales activities in real time.

School Management SaaS Platform (Laravel, PHP, MySQL, Bootstrap, REST APIs)

- Contributed to a school management system supporting multiple roles (admin, teacher, student, parent).
- Developed modules for data collection, enrollment, enrollment follow-ups, orders, and order details.
- Built and optimized REST API endpoints for integration with web and mobile clients.
- Helped scale the SaaS product for multiple schools, improving enrollment follow-up and data tracking.

Projects

Student Performance Analysis using Explainable AI (Python, XAI, Machine Learning)

- Leveraged Explainable AI (XAI) to enhance transparency and interpretability in student performance analysis.
- Developed models to identify and categorise student profiles based on online judge activity.
- Used visualisation techniques to explain model predictions and learning patterns.
- Collaborated with educational experts to validate profiling methods and ensure relevance.

Technologies

Languages: Python, JavaScript (ES6+), PHP, SQL

Frameworks & Libraries: Django, Flask, Tkinter, OpenCV, React.js, React Native, Bootstrap, Laravel

Databases & ORM: MySQL, Firebase, Google Sheets (AppScript), Eloquent ORM

Tools & Platforms: Git, GitHub, Linux, REST APIs, API Integration