RUBAN EDWARD

Software Engineer

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Professional Summary

Software Engineer building and maintaining a production airline tools product with end-to-end ownership of major incident resolution. Improves system performance and reduces server costs through targeted optimization work, while helping move day-to-day development from PHP to Python. Partners with a Team Lead on a live agency product and contributes across production support, maintenance, and modernization.

Professional Experience

Software Engineer - Infiniti Software Solutions **Aug 2024 – Present**

- Maintain a full agency product alongside the Team Lead, independently resolving major production issues end to end.
- Delivered major performance and server-cost optimizations for airline product tooling, reducing infrastructure overhead while improving reliability.
- Transitioned core development work from PHP to Python, contributing to the team's move toward a modern, maintainable tech stack.

Software Trainee - Infiniti Software Solutions **Apr 2024 – Jul 2024**

- Trained in PHP and Bootstrap as part of a structured onboarding program.
- Built an internal Scrum-based project management tool, adopted office-wide to track tasks and streamline team workflows.

Projects

UPI Fraud Detection using Machine Learning - *Python, Scikit-learn*

- Built a machine learning system to detect fraudulent activity in digital UPI payment transactions.

AI Virtual Mouse - *Python, OpenCV*

- Developed a computer-vision system that controls the mouse cursor using hand-gesture tracking.

Scrum Tool - *Php, MySQL, Bootstrap, CodeIgniter*

- Built a window-based application for streamline project management and improve team collaboration.

Skills

Technical Skills: Python, PHP, Java, JavaScript, SQL, MongoDB, Git, GitHub, Docker, Kubernetes

Frameworks: FastAPI, Bootstrap, CodeIgniter

Software Engineering: API Development, Backend Development, Unit Testing, Performance Optimization

Development Methodologies: Agile Scrum, Cross-functional Collaboration, Production Support

Technologies: Machine Learning Fundamentals, Cloud Computing

Languages: Tamil (Native), English (Fluent), French (Basic)

Education

B.Tech, Computer and Communication Engineering - Sri Manakula Vinayagar Engineering College 2020 – 2024

CGPA: 8.61

Higher Secondary Certificate (HSC) - St. Patrick Matric Hr. Sec. School 2018 – 2020

Tamil Nadu State Board – 79.33%

Certifications

• Microsoft Azure Fundamentals (AZ-900) • Microsoft Web Development Specialist • NPTEL – Programming in Java
• NPTEL – Machine Learning • Geekster – Git & GitHub