ASADUZZAMAN

Software Engineer | Software Automation Engineer

Email: asad.csecu@gmail.com | Phone: +880 1580 901182
Location: Dhaka, Bangladesh | LinkedIn: linkedin.com/in/asaduzzaman05
Open to Relocation • Remote

PROFESSIONAL SUMMARY

Software engineer with 3+ years building scalable backend systems and intelligent automation solutions. Specializes in Laravel and Python development, REST and third-party API integration, and applied AI infrastructure including AI agents, Retrieval-Augmented Generation (RAG), vector databases, and MCP servers. Delivered automation that reduced manual processing time by 75% for an enterprise Garments ERP. Self-directed and comfortable working with minimal supervision across distributed teams. Open to relocation and remote collaboration across time zones.

TECHNICAL SKILLS

Languages: PHP, Python, JavaScript, SQL, HTML5, CSS3

Frameworks & Libraries: Laravel, jQuery

AI & Automation: AI Agents, Retrieval-Augmented Generation (RAG), Vector Databases, MCP Servers, Automation Engineering, Workflow Automation

Backend & APIs: REST APIs, Third-Party API Integration, Back-End Web Development, MySQL

DevOps & Tools: Docker, Git, GitLab, CI/CD, Linux, Software Deployment

Engineering Practices: ERP Implementation, Front-End Development, Debugging, Troubleshooting

PROFESSIONAL EXPERIENCE

Earth Fashion Ltd. Dhaka, Bangladesh
Software Automation Engineer Jul 2023 – Present

Promoted from PHP Laravel Developer (2023) to Software Automation Engineer (2025). Lead automation and AI-driven tooling for the company's Garments ERP platform.

- Built and maintained Laravel-based ERP applications on MySQL, integrating multiple third-party APIs to extend system functionality.
- Designed and shipped automation scripts and workflows that **reduced manual processing time by 75%**.
- Architected AI agent and RAG-based systems for the Garments ERP, automating measurement charts, purchase orders, company enrichment, and techpack generation.
- Developed MCP servers to connect AI tools with internal systems, streamlining data flow across the ERP platform.
- Implemented front-end features with JavaScript, jQuery, HTML5, and CSS3, and managed Linux server environments and deployment workflows.

EDUCATION

City University, Bangladesh Dhaka, Bangladesh
B.Sc. in Computer Science and Engineering Dec 2018 – Jul 2023