# Asis Sharma

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## PROFESSIONAL SUMMARY

**Software Developer | Backend & SRE Specialist Backend Engineer** with 1.5+ years of experience specializing in high-availability systems and process automation. Successfully engineered a FinTech platform driving a **40% revenue increase and refactored government portals to cut data processing time by 50%.** Currently applying software engineering principles to industrial operations at Greenlam Industries, where I automated manual **workflows to save 10+ hours weekly.** Expert in Python, PHP/Laravel, and Node.js, with a focus on building resilient, scalable architecture.

### Skills

- **Languages:** Python, PHP, JavaScript, SQL.
- **Frameworks & Libraries:** Laravel, Node.js, Express, React.js, Flutter.
- **Systems & Tools:** Git, MongoDB, RESTful APIs, System Design.
- **AI & Data:** LLM Integration, Web Scraping, Data Analysis.

## WORK EXPERIENCE

**Industrial Operations Analyst | [Greenlam Industries Ltd] | July 2024 – Present**

- Re-engineered manual factory workflows into digital, automated systems to improve operational reliability.
- Process Automation: Migrated manual quality control logs to a digital tracking system, reducing data entry errors by 40% and eliminating 10+ hours of manual work weekly.
- Data Engineering: Developed automated analysis tools to monitor lab metrics and instrument readings, identifying production anomalies before they caused downtime.
- System Reliability: Managed operational workflows for high-volume production, ensuring 100% adherence to safety protocols and uptime standards.
- Cross-Functional Collaboration: Acted as the technical bridge between floor operations and management, translating complex data into actionable insights for process improvement

**Software Developer | Symstech |** *FEB 2023 – MAY 2024*

- Factory ERP Architecture: Engineered a comprehensive manufacturing ERP system that streamlined operations, resulting in a **20% increase in production efficiency.**
- FinTech Payment Systems: Designed and deployed a custom MCQ platform with integrated payment gateways, directly driving a **40% revenue increase** through improved transaction reliability.
- **AI-Powered Security Tools:** Developed a cybersecurity web application integrating **Large Language Models** to automate threat detection and data pattern analysis.
- **Government Portal Optimization (HCSSC):** Refactored backend logic for a semi-government form submission portal, achieving a **50% reduction in data processing time.**
- **E-Commerce Scalability:** Enhanced CS-Cart platforms for retail clients, resolving critical bottlenecks that led to a **30% rise in user engagement.**
- **Employee Management System (Leantime):** Customized and enhanced the Leantime platform to meet evolving business requirements, driving a **15% increase in operational efficiency** across the organization.

## PROJECTS

- **Portfolio & "IAmHere" Hub (Next.js, AI):** Architected a comprehensive developer platform combining a personal portfolio, interactive notebook, and DSA tracker. **Key Feature:** Integrated custom **LLM APIs** accessible globally for real-time AI assistance.
- **Prep-Me & The Tech Writer:** Developed a decoupled **Next.js** interview preparation platform and a dedicated technical blogging site, optimizing both for SEO, clean UX, and content delivery.
- **Gold Digger & 100 Projects Archive:** Built a robust **Python data mining pipeline** for high-volume web scraping and maintained a monorepo of **100+ automation scripts** and rapid prototypes.
- **Library System & YelpCamp:** Engineered a MongoDB-based library platform with dynamic Amazon API integration and a full-stack campground discovery app with secure user authentication.

## EDUCATION

**Bachelor of Computer Applications (BCA)** Indira Gandhi National Open University (IGNOU) | *Graduated, 2024*