

JYOTIRMOY SAHA

Software Engineer & Full-Stack Developer

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PROFESSIONAL SUMMARY

Innovative Software Engineer with 5+ years of experience in full-stack development, enterprise systems, and cloud deployment. Proven ability to architect and deliver scalable web applications—from ERP/CRM platforms to AI-integrated tools—serving 30+ clients globally. Recipient of Employee of the Year 2024. Passionate about clean code, system design, and bridging business needs with technical solutions.

PROFESSIONAL EXPERIENCE

Senior Developer (IT) | Adzguru Exports LLP, Madhyamgram, Kolkata

May 2024 – Present

- ▶ Architecting and maintaining full-stack solutions using Node.js, React, PHP, Laravel, and .NET frameworks.
- ▶ Deploying applications to AWS EC2, HostGator, and Hostinger with SSH-based server management.
- ▶ Leading development of AI-integrated dashboards, LMS platforms, and GST compliance portals.
- ▶ Awarded Employee of the Year 2024 for outstanding delivery and technical depth.

Web Developer | Paperlink Softwares Pvt. Ltd., Salt Lake Sector V, Kolkata

Jul 2023 – Apr 2024

- ▶ Built and customized CRM, ERP, LMS, Inventory, and Billing systems for diverse clients.
- ▶ Delivered Moodle-based LMS customizations, WordPress/WooCommerce stores, and PHP backends.
- ▶ Managed deployment, maintenance, and client support for production web systems.

Full-Stack Developer | Sunsky Software Technologies (P) Ltd, Kalyani, Nadia

Feb 2021 – Oct 2021

- ▶ Developed ERP, CMS, e-commerce platforms (with Android), and billing software from scratch.
- ▶ Handled Linux/Ubuntu-based server setup, networking, deployment, and ongoing maintenance.

Freelance Developer | Independent / Personal Network

Nov 2021 – Jul 2023

- ▶ Delivered 50+ custom software projects including e-commerce, job portals, POS systems, and desktop apps.
- ▶ Served clients across multiple industries; built long-term relationships leading to recurring projects.

Internships: Sunsky Software Technologies (Web Design & Networking, Sep 2020–Jan 2021) | IEEE Bombay Section / Alhansat Solutions (Full Stack Dev & Digital Marketing, Dec 2022–Feb 2023)

TECHNICAL SKILLS

Languages & Frontend

PHP • JavaScript (ES6+) • HTML/CSS • Python • C# • TypeScript • jQuery • AJAX

Frameworks & Libraries

Laravel • React.js • Express.js • Node.js • Django • .NET • Svelte • Bootstrap • Tailwind CSS • Material UI

Databases & ORM

MySQL • PostgreSQL • MongoDB • SQL Server • Sequelize

Cloud & DevOps

AWS EC2 & S3 • Docker (basics) • Digital Ocean • Hostinger • Ubuntu Server • NGINX • Apache2 • CI/CD

CMS & Integrations

WordPress • WooCommerce • Moodle • Payment Gateways • SMS Gateways • REST APIs • OpenAI/Claude API

Tools & Others

Git/GitHub • Figma • PhpMyAdmin • Android Studio • ClickUp • WebOS Signage (LG/Samsung)

AI Integration

AI copilots, chatbots, and workflow assistants • Real product integration with OpenAI and Claude APIs • Automation, test acceleration, and smart personalization.

TECHNICAL SKILLS

System Design & Scalability Lens

Microservice-ready architecture and queue-based workflows • Tradeoff-driven API patterns (REST, GraphQL, FastAPI) • Scalability strategy, bottlenecks, and risk-control decisions.

Security & Production Readiness

JWT and OAuth-based authentication layers • OWASP-aware input validation and hardening • Rate limiting, safe API patterns, and abuse controls.

Specialization Spike: Networking + Cyber

Networking fundamentals applied to real deployment topologies • Cyber-awareness for secure engineering decisions • Hardening mindset for production infrastructure and APIs.

CORPORATE SKILLS

Expertise in Project Planning and Integration • Expertise in Team Management. • Expertise in Customer Handling and Support.

KEY PROJECTS

- ▶ **LMS Platform (v3):** AI-assisted learning management system with progress analytics and automated reporting dashboards.
- ▶ **GST Invoice Matching Portal:** Centralized GST compliance platform with real-time mismatch analysis and AI-oriented insight dashboard.
- ▶ **IRC Tracker (Govt):** Government-grade issue lifecycle and audit tracker with role-based execution and AI-ready reporting.
- ▶ **HRMS / CRM / ERP Suite:** Enterprise workflow systems for operations, people management, and customer relationship tracking.
- ▶ **E-Commerce & POS Platforms:** Web and mobile-based online stores, billing/KOT systems, and restaurant POS with account modules.
- ▶ **Cab Booking & Call Routing Software:** Integrated GST invoicing, agent management, and mobile app with custom API backend.
- ▶ **WebOS Signage Apps:** Custom digital signage applications for LG/Samsung WebOS devices using ES6 and Node.js.
- ▶ **Job Portal & Environmental Systems:** Employer-candidate matching platforms and data-driven environmental monitoring and reporting tools.

EDUCATION

B.Tech in Computer Science & Engineering

Camellia School of Engineering & Technology (MAKAUT Board) • 2021 – 2025

Diploma in COPA (NCVT)

Govt. ITI Kalyani • 2019 – 2021

CERTIFICATIONS & ACHIEVEMENTS

- ▶ Employee of the Year 2024 — Adzguru Exports LLP
- ▶ PHP & Laravel Certification — Ardent Computech
- ▶ Node.js REST APIs & AWS Deployment — Euphoria GenX
- ▶ Introduction to Cyber Security — Certified
- ▶ Information Technology Application — Govt. of West Bengal
- ▶ UEMSAT Scholastic Aptitude Test — University of Engineering & Management, Kolkata (2018)
- ▶ Diploma in Fine Arts (Painting) — Pracheen Kala Kendra, Chandigarh (2009–2013) — Distinction every year
- ▶ Cryptography and Network Security – Apr 2025 – IIT Kharagpur (NPTEL)

ADDITIONAL

Content & Community: YouTube software tutorials (@thecodeingz), technical blogging (jsahasoftware.blogspot.com)

Languages: Bengali (Native), English (Professional), Hindi (Conversational)

Interests: Finance & stock markets, freelancing, weight training, open-source contributions