Adyaman Singh

+91-7042421999 | adyamans3@gmail.com | linkedin.com/in/adyaman-singh | github.com/adyaman-singh

WORK EXPERIENCE

Software Engineer (Full Stack)   *July 2025 – Oct 2025*
Evallo.ai (Company exit due to financial constraints)   *Remote*

- **System Debugging & UX:** Fixed calendar and Google event sync issues, improving user experience and data accuracy. Boosted API performance by optimizing schema and **minimizing aggregations**.
- **Code Quality & Collaboration:** Improved **code reliability** through PR reviews, cleaner Git practices, and consistent coding standards. Mentored interns on React-Next.js migration and debugging.
- **DevOps & Optimization:** Deployed new **Jenkins CI/CD pipelines** with **AWS** (CloudFront, S3, Lambda), cutting deployment time and costs. Reduced **AWS spend** and improved app load speed via frontend optimizations.
- **Onboarding Flow:** Rebuilt sign-up and automated **Stripe subscription flow**, increasing conversion and automating billing. Revamped order summary emails to reduce support queries and improve user understanding.

Software Engineer (Intern → SDE 1, Full Stack)   *Jun 2023 – March 2025*
AdmitKard   *Noida*

- Promoted to **full-time SDE 1** after a **year-long internship** completed alongside final-year coursework; continued end-to-end ownership of **production systems serving 200+ internal users**.
- **Leaderboard System:** Led the development of a real-time KPI ranking system to track productivity and goals for **200+ employees**. **Designed and deployed** a performance analytics backend that enabled data-driven reviews and transparent appraisals. Adopted company-wide as a core performance evaluation tool. **Awarded Employee of the Month** for impact on appraisal automation.
- **Loan Management Workflow: Architected** an AWS event-driven system to replace **7 manual processes** with a unified automated flow, improving workflow speed by **35%**. Integrated real-time communication and validation to reduce errors and improve throughput.
- **Document Processing Workflow: Deployed** GCP Document AI to extract data from passports and IELTS scorecards, cutting manual input by **90%**. **Implemented** validation logic to streamline end-to-end processing and boost accuracy.
- **Database Synchronization System: Engineered** a scalable cross-database reporting and synchronization framework using **MongoDB RangeStreams, PostgreSQL, and AWS Lambda**. Enhanced data integrity and consistency across distributed services while optimizing API efficiency, resulting in a **40% reduction in load** and enabling **near real-time data updates**.
- **Real-Time Notification System: Developed** a serverless event-based notification engine using AWS Lambda, improving internal/external response latency by **50%**.
- **Facebook Conversion API Integration: Implemented** a serverless AWS-based pipeline for Facebook CAPI, leading to a measurable **increase in lead quality and marketing ROI**.
- **Data Anomaly Detection: Engineered** a JSON-driven anomaly detection system with scheduled CSV exports, **automating** quality control and reducing undetected issues by **70%**.

SKILLS

- **Programming Languages and Frameworks:** TypeScript, JavaScript, Java, React.js, Next.js, Node.js, Express.js
- **Tools and Technologies:** MongoDB, Redis, Docker, AWS (Lambda, EC2, S3, SQS), Azure, Jenkins, Design Patterns, Microservices, Agile Development, REST APIs

PROJECTS

Flashcard-Based DSA Learning Tool   https://flashifydsa.adyamansingh.dev
- Built a DSA self-testing platform featuring real-time AI feedback and time complexity analysis using the OpenAI API.
- Integrated Google OAuth 2.0, CRUD backend, and deployed on AWS EC2 for scalable, reliable access.

macOS-Inspired Interactive Portfolio   https://brewinstall.adyamansingh.dev
- Developed a desktop-style portfolio simulation of macOS with draggable windows, Spotlight search, terminal emulator, and animations.
- Deployed on AWS Amplify for speed, scalability, and minimal latency.

Automated Email Sender   https://github.com/adyaman-singh/emailer
- Built a configurable email automation system with rate limiting, dynamic HTML templates, and SMTP integration, enabling scalable and targeted recruiter outreach.
- Enhanced deliverability via SPF/DKIM authentication, automatic bounce handling, and logging for sender reputation tracking.

EDUCATION

Vellore Institute of Technology (VIT), Vellore, Tamil Nadu
B.Tech. Computer Science and Engineering (Internet of Things)   *Sep 2020 – May 2024*