

SATYAM CHOUKSEY

Senior Full Stack Engineer · GenAI & LLM Systems

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Professional Summary

Senior Full Stack Engineer with **3+ years** shipping production **AI safety infrastructure** and SaaS platforms end-to-end. Currently building **LLM guardrails, evaluation pipelines, and observability tooling** at Tumeryk. Previously led engineering at Webledger, architecting a cloud accounting platform that **cut monthly close cycles by 30%**. Strong across **Python/FastAPI, Node.js/Adonis.js, React/Vue, Postgres, and AWS**.

Work Experience

Tumeryk

09/2025 – Present

GenAI Full Stack Engineer

Remote

Stack: FastAPI, Python, TypeScript, React.js, Node.js, Express.js, Postgres, AWS

- Engineered an **AI guardrail testing agent** that auto-evaluates LLM policy compliance across risk categories and outputs a **model trust score**, replacing manual safety review.
- Architected the **base policy enforcement layer** gating every custom policy through organizational safety constraints — the core primitive every downstream guardrail builds on.
- Built an **automated LLM evaluation workflow** probing models and private endpoints with adversarial prompt sets, validated through a **judge-model pipeline** (safety, accuracy, guardrail compliance).
- Shipped a **PII / sensitive-data validation rail** preventing exposure of confidential data in live AI interactions; designed an **observability dashboard** surfacing real-time guardrail metrics and evaluation outcomes.

Webledger

05/2023 – 09/2025

Tech Lead | Full Stack Engineer

Jaipur, Rajasthan

Stack: Adonis.js, Node.js, Vue.js, Nuxt.js, TypeScript, .NET, C#, MySQL, Redis, AWS, Python

- Architected a **cloud-based accounting SaaS** in Adonis.js + Vue.js that **cut monthly close cycles by 30%** via automated reconciliation and unified cross-department data access.
- Designed a **multi-firm invoicing system** supporting **SGST, CGST, IGST, and international VAT** — production-critical for clients operating across India and abroad.
- Integrated **Razorpay** for product pricing/subscriptions; built **RBAC** for dynamic per-module permissions across the platform.
- Optimized **AWS Lambda + S3** workloads, rewrote **PDF/Excel** pipelines, and authored **CI/CD scripts** for **EC2 and ECS** that standardized deploys across the engineering team.

Greenie Web

06/2022 – 04/2023

Full Stack Developer

Singapore (Remote)

- Shipped **Flutter Desktop** features (dark mode, core button/UI logic) and Chrome extension features supporting the company's web product.

Technical Skills

Languages: Python, JavaScript, TypeScript, C#, SQL, HTML, CSS

Backend: FastAPI, Node.js, Adonis.js, Express.js, .NET, Redis **Frontend:** React.js, Vue.js, Nuxt.js, Bootstrap

AI / GenAI: LLM evaluation, guardrail design, judge-model pipelines, prompt-risk testing, PII detection, AI observability

Cloud / DevOps: AWS (EC2, Lambda, S3, ECS), CI/CD pipelines **Databases:** Postgres, MySQL, Firebase, Redis

Tools: Git, GitHub, Postman, DBeaver, TablePlus, VS Code, Netlify

Key Projects (Webledger)

Adonis.js, Vue.js, Node.js, AWS Lambda, MySQL

- Integrated a **third-party WhatsApp messenger** for contact-based chats and broadcast messaging workflows.
- Built a **customizable, draggable dashboard** and **client/task reporting tools** used daily by end customers.
- Automated **GST detail fetching/caching** via AWS Lambda + third-party APIs, eliminating manual lookups for compliance teams.

Achievements & Education

- HackerRank 4-Star** (Python) — Solved **300+** DSA problems across competitive coding platforms
- B.Tech, Electronics & Communication Engineering** — Lakshmi Narain College of Technology, Bhopal — **CGPA 8.2 / 10** (2018 – 2022)