Sourabh Patel

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Experience

Nyusta Labs Dec 2025 – Present
Software Engineer

- Built the **Data Discovery** module of Neostra, a **privacy compliance platform**, using **Java (Spring Boot), Python**, and **Vue.js**: data source connectors, scheduled scans, **PII detection**, and RoPA reports.
- Hardened Neostra for **ISO 27001** compliance with audit logging, refresh tokens, account lockout, security headers, and XSS and encryption fixes.
- Solely built the first version of DaaScene, an event platform with waitlists, **Razorpay** ticketing, **QR check-in**, and **WhatsApp** notifications (**React, Node.js, MongoDB, Redis**).
- Built booking flows, WhatsApp notifications, and role-based admin dashboards for The Golf Mill, a golf bay booking app, using **Next.js** and **Express**.

Neu Software LLC Nov 2023 – Nov 2025
Full Stack Software Engineer *Remote*

- Built **Overbrilliant**, a full-stack **AI-powered team collaboration platform** integrating **web search**, **image generation**, **vector similarity search** (ChromaDB), and third-party APIs (**Trello, GitHub, Jira, Google Workspace**) using **React, Node.js, MongoDB**, and **OpenAI/Anthropic/Gemini** models.
- Improved frontend performance by resolving **React re-rendering issues** and optimizing **streaming of AI agent responses**, resulting in significantly smoother real-time user experience.
- Developed an **automated meeting recording bot** for **User Evaluation** using **Python, Selenium, AWS (S3, Boto3)**, and **Socket.IO**; replaced manual workflows by automatically joining, recording, and uploading **Zoom, Google Meet, and Microsoft Teams** sessions.
- Integrated a **deep research assistant** leveraging **LLMs**, **web scraping**, and **vector search** to generate contextual insights from user documents and online sources.

Zulip (Open Source)
Contributor – Frontend *Remote*

- Refactored lightbox CSS to fix media preview layout issues and enhance responsiveness on small screens. *View PR*
- Improved mobile sidebar interactions by refining popover/button logic to prevent accidental closures. *View PR*
- Fixed modal overflow in `move_topic_modal` for better mobile accessibility and layout consistency. *View PR*
- Resolved keyboard nav bug in channel settings by handling key events in the color picker popover. *View PR*

Projects

Snipit – Secure Snippet Manager *GitHub*

- Developed a snippet manager for **plain text**, **syntax-highlighted code**, and **rich text** (Monaco, TipTap) with **public**, **private**, and **password-protected** snippets.
- Built **JWT** auth with **Google OAuth 2.0** and **REST APIs** with **Express** and **MongoDB**, using **bcrypt** for hashing and **Vite** and **Mantine** for the UI.

MindMesh – Study Together Platform (Team Project) *GitHub*

- Built core features: **study rooms**, **real-time chat**, **task manager**, and **pomodoro timer** using modular React components.
- Used **shadcn/ui** for sleek, accessible UI and integrated **Socket.io** for real-time collaboration.

Technical Skills

Languages: JavaScript, TypeScript, Python, Java, SQL, HTML, CSS
Frameworks & Libraries: React.js, Next.js, Vue.js, Node.js, Express.js, Spring Boot, Flask, Redux, Zustand, TanStack Query, BullMQ, Socket.IO, Tailwind CSS
Databases: MongoDB, PostgreSQL, MySQL, DynamoDB, Redis
Cloud & DevOps: AWS (S3, Boto3), Google Cloud (Cloud Run, GCS), Firebase, Docker, GitHub Actions
APIs & AI: OpenAI, Anthropic, Vercel AI SDK, Razorpay, WhatsApp Business API, Postmark, OAuth 2.0, Claude, Cursor