

Amartya Vikram Singh

✉ amartyasingh556@gmail.com — 📞 +91-6268818288 — 📍 India (Open to Remote, PST overlap) — [🌐 LinkedIn](#)
🌐 amartyasingh.space — [🐙 GitHub](#)

Experience

Full Stack Developer Intern — Trisx Technologies Apr 2026 – Present | Remote

- Contributing end-to-end to a production fullstack platform ([Subcidys](#)) using TypeScript across React.js/Next.js frontend and Node.js/Express.js backend, with Prisma ORM for PostgreSQL data modeling, schema design, and query optimization.
- Designed and built RESTful API services with clear contracts and JWT-based authentication; collaborated with product and operations stakeholders to translate ambiguous requirements into scalable backend systems.
- Improved platform reliability and developer experience through code reviews, error tracking, and observability practices; optimized frontend performance (Core Web Vitals) with accessible, WCAG-compliant Tailwind CSS interfaces.
- Collaborated in Agile sprints (planning, standups, demos) to deliver incremental features across invoicing, inventory, and task-management modules, making pragmatic tradeoffs between speed, scalability, and maintainability.

Web Developer Intern — Dreamonn Private Limited May 2025 – Jul 2025 | Remote

- Designed and developed a responsive product showcase website using HTML5, CSS3, JavaScript, and Bootstrap; ensured cross-browser compatibility and mobile-first responsiveness.
- Integrated frontend components with backend REST APIs; built reusable UI components aligned to a shared design system for consistent, maintainable user experience.

Technical Skills

Languages: TypeScript, JavaScript (ES6+), Python

Frontend: React.js, Next.js (App Router, SSR/SSG/ISR, Server Components), HTML5, CSS3, Tailwind CSS, Bootstrap, Responsive & Accessible Design, Jest, React Testing Library, Core Web Vitals, GSAP

Backend & APIs: Node.js, NestJS, Express.js, Flask, RESTful APIs, GraphQL (basics), Microservices & Event-Driven Architectures, JWT/OAuth, Odoo

Data & Databases: PostgreSQL, MySQL, MongoDB, Prisma ORM, Data Modeling, Schema Design, Query Optimization

Cloud & DevOps: AWS, Docker, CI/CD Pipelines, Infrastructure as Code (basics), Git, GitHub, Observability & Error Tracking, GitHub Copilot, GitHub Actions, Vercel

Data & Analytics: Scikit-learn, Pandas, NumPy, Tableau, Power BI, Microsoft Excel

AI & Developer Tools: OpenAI, AST parsing, semantic embeddings, documentation drift detection

Projects

LegalEase AI [Code](#)

- Built an intelligent fullstack platform using TypeScript and Next.js (App Router, SSR) for AI-powered contract summarization, risk detection, and agreement generation, with server components for optimized data fetching.
- Designed RESTful API services with secure auth patterns and PostgreSQL-backed data models; automated PDF/DOCX generation and multilingual support; wrote unit and integration tests using Jest for critical workflows.

Support & Resistance Level Detection Chatbot [Code](#)

- Developed a chatbot with a React/TypeScript frontend and Python backend that detects support/resistance zones using real-time and historical data from the Binance API with multi-timeframe analysis.
- Built performance-optimized data rendering for live market charts; integrated REST API endpoints with error tracking and observability logging for production reliability.

Clear Trade AI [Code](#)

- Built an AI-driven fintech solution with a React frontend for securities market insights; collaborated in Agile sprints for ideation, development, and prototype demo delivery within a hackathon timeline.
- Developed accessible, responsive UI components aligned to a shared design system; integrated GenAI tools (GitHub Copilot) to accelerate development while applying code quality and security review practices.

Amartya Vikram Singh

Projects (continued)

Fleet Pilot

[Code](#)

React, TypeScript, Node.js, Prisma, Flutter | [Live application](#)

- Co-built a fleet operations platform across web and mobile, connecting vehicle and driver management with trip dispatch and route planning for transport teams.
- Integrated maintenance, document workflows and notifications with operational data, profitability analytics and an AI operations copilot.

EcoSphere

[Code](#)

React, Odoo 18, Python, PostgreSQL, GSAP

- Built a connected ESG workspace for carbon accounting, environmental reporting, social initiatives, governance workflows and employee engagement.
- Connected an interactive React experience with Odoo-native permissions and auditable business workflows, alongside AI insights grounded in business context.

DocsHealer

[Code](#)

Python, Next.js, TypeScript, OpenAI, GitHub Actions

- Created a documentation maintenance pipeline that detects drift from pull request code changes using AST parsing, semantic embeddings and GPT-4o verification.
- Built a dashboard for repository sync, scan monitoring and analytics, with proposed documentation corrections ready for human review.

AssetFlow — Odoo Hackathon 2026

[Code](#)

React, Node.js, Express, Prisma, PostgreSQL | [Live application](#)

- Built a role-aware asset governance platform with separate tenant, employee and super-admin experiences, enforcing multi-tenant boundaries across the stack.
- Implemented asset allocation, transfer approvals, maintenance requests, audit visibility and conflict-free resource bookings.

Education

The LNM Institute of Information Technology — Jaipur, India

Expected Jul 2027

Bachelor of Technology — Mechanical Engineering

Delhi Public School Bhopal — Bhopal, India

2008–2022

Class 10: 88.4% — Class 12: 81.6% — Physics, Chemistry, Mathematics

Positions of Responsibility

Event Coordinator — LNMHacks 8.0 – National-Level Hackathon

Oct 2025 – Feb 2026

- Coordinated planning and execution of a national-level hackathon with 450+ participants; managed event operations, team coordination, sponsorship communication, and participant engagement.

Coordinator — Cipher LNMIIT – Technical Club

Mar 2025 – Mar 2026

- Led initiatives in cybersecurity, blockchain, and Web3; organized 5+ workshops and technical sessions promoting hands-on development in emerging technologies.

Event Organizer — LNMHacks 7.0

Aug 2024 – Feb 2025

- Supported event management, outreach and team coordination for a hackathon with 300+ participants.

Student Mentor — LNMIIT Counselling & Guidance Cell (C-Cell)

Jul 2024 – Jul 2025

- Mentored first-year students through their transition to college, providing academic guidance and support with campus resources and student activities.