Neeraj

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Summary

Full-stack and mobile developer with a growing focus on agentic AI systems, currently building Aether, a solo-developed visual platform for composing multi-agent, multi-layer autonomous trading systems (LLM analyst agents, debate/consensus layers, RL policies, risk gates). Shipped production applications across fintech, e-commerce, Web3, healthcare, and defense-tech R&D, with hands-on exposure to agent orchestration and tool-calling workflows during an internship at Bharat Electronics Limited. Strong ownership of app architecture, state management, and backend design, backed by React Native, Flutter, Next.js, FastAPI, PostgreSQL, and Prisma.

Education

Manipal University Jaipur **2024 – 2028 (Expected)**
B.Tech, Computer Science (AI/ML) | CGPA (4 semesters): 8.05/10.0 | Currently in 5th Semester *Jaipur, India*

Seth Anandram Jaipuria School **2010 – 2024**
High School (CBSE), Science Stream | Class X: 92% | Class XII: 84% | Graduated May 2024 *Delhi, India*

Professional Experience

Bharat Electronics Limited (BEL) *, Agentic AI Intern - Project DGAI* **June 2026 – Aug 2026**

- Contributed to an internal agentic AI framework for Project DGAI, working with multi-step reasoning and tool-calling pipelines used to orchestrate task-specific agents.
- Designed and implemented a small standalone agent component within the larger multi-agent system, and supported testing/debugging of its integration into the pipeline.
- Gained hands-on exposure to agent orchestration, prompt design, and LLM-driven decision workflows in a defense-tech R&D environment during a 45-day internship.

Otoddy *, Flutter Developer (Intern)* **Feb 2026 – April 2026**

- Worked on developing and maintaining Flutter application features, including UI improvements and bug fixes.
- Collaborated with the team to improve app performance, stability, and overall user experience.

Fashhtown *, Full Stack Web Developer (Contract)* **Mar 2026 – Present**

- Built a full-stack e-commerce storefront from scratch, including product catalog, cart, WhatsApp-based checkout flow, and Supabase-backed product/media storage.
- Owned frontend and deployment end-to-end as the sole developer for the client.

Plants Mantra *, Full Stack Web Developer (Contract)* **Aug 2025 – Oct 2025**

- Built their entire website from scratch including payment integration, handling deployment, and all backend.
- Delivered complete admin portal and handled everything coding related from frontend to backend.

NVSTly *, Full Stack Web Developer (Contract)* **May 2025 – Aug 2025**

- Implemented bug fixes, new features, and UI updates across the platform.
- Worked with Figma, Next.js, Node.js, and Express.

We Fund You Trade *, Web Developer (Intern)* **Jan 2025 – Mar 2025**

- Handled UI fixes and basic API integrations.
- Contributed to codebase maintenance and improvements.

Recent Projects

Aether - Visual Agentic Trading-System Builder | *Next.js, FastAPI, LightGBM* | GitHub **Solo**

- Architected a no-code, node-based platform for composing autonomous trading agents across 12+ layers: data ingestion, feature engineering, intelligence agents, ML forecasting, reinforcement-learning policies, debate/confluence, confidence calibration, risk, execution, monitoring, and memory.
- Designed a multi-agent debate layer where independent analyst agents (technical, sentiment, macro) argue and a moderator scores confidence before signals reach risk management, an agentic reasoning and consensus pattern.
- Built the FastAPI backend powering LightGBM-based directional forecasting and a full backtest engine (fees, slippage, train/test embargo) over Binance historical data, with a Next.js/TypeScript/Zustand frontend and per-layer attribution.

Instant AI Image Editor | *Next.js, AI APIs* | GitHub | Live **Solo**

- A professional-grade AI-powered image editor for e-commerce sellers enabling instant background removal, image enhancement, and marketplace-ready exports.

Crypto Wallet App | *Expo, Web3, React Native* | GitHub **Freelance**

- A feature-rich Expo-based mobile crypto wallet supporting Web3 authentication, self-custody wallets, and fiat-to-crypto deposits with a production-grade architecture.

Gossip App | *Flutter, Firebase* | GitHub **Freelance**

- A Flutter-based social app combining real-time chat, matchmaking, thoughts sharing, and personalized news based on user-selected topics and moods.

Leadership & Activities

HackX 4.0, MUJ CSE Department Hackathon , *Technical Executive Committee Member* **July 2026 – Sept 2026**

- Built and deployed the official website (hackxmuj.com) for HackX 4.0, a multi-university hackathon with a 6L+ prize pool, 2000+ participants, and 50+ participating universities.
- Owned the technical side of registration, team, and sponsor-showcase pages as part of the organizing committee.

IEEE Women in Engineering (WIE), Manipal University Jaipur , *Junior Committee Member* **2024 – 2025**

- Supported planning and execution of IEEE WIE outreach and technical events during first year, assisting with logistics, promotion, and on-ground coordination.
- Collaborated with senior committee members to help onboard and engage new student members into the chapter's activities.

Achievements

- **Smart India Hackathon (SIH) Internal Round**: Selected in the top 50 of 650+ teams (3rd year).
- **Smart India Hackathon (SIH) Internal Round**: Selected in the top 50 of 450+ teams (2nd year).
- **1st Place**, Datathon hosted by IEEE Computer Society.
- Finalist in 10+ inter-college and intra-college hackathons.

Technical Skills

Agentic AI & LLMs: Agent Orchestration, Tool-Calling, Multi-Agent Systems, Prompt Engineering, RAG, LLM APIs (OpenAI, Anthropic, Groq, Gemini)
Languages: TypeScript, JavaScript (ES6+), Python, C, C++, HTML5, CSS3
Frontend: React.js, Next.js, Tailwind CSS, Framer Motion, React Flow
Backend & Database: Node.js, Express.js, FastAPI, REST APIs, PostgreSQL, MongoDB, Prisma ORM, Zod
Auth & DevOps: JWT, OAuth 2.0, NextAuth.js, Git, Docker, Vercel, CI/CD, Postman
ML & Data: LightGBM, Pandas, NumPy, Feature Engineering, Backtesting
State Management: Zustand, TanStack Query
UI/UX & Design: Figma, ESLint, Responsive & Mobile-First Design
App Development: React Native, Expo, Flutter (MVVM, GetX)