Garv Aditya Shandilya

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LeetCode | Twitter

Education

KIET Group of Institutions — Ghaziabad, UP
B.Tech in Information Technology | ***CGPA: 8.53/10*** — *2024 – Present*

CJC Sr. Sec. School — Baghpat, UP
ISC (XII): ***94.5%****, School Rank 1, District Rank 2* | *ICSE (X):* ***94.8%****, School Rank 2, District Rank 2* — *2020 – 2023*

Experience

Frontend Developer Intern — Sep 2026 – Mar 2027
Algorythm Tech Solutions — *New Delhi*
- Build responsive websites and mobile apps for the company's clients, working with designers and backend developers from requirements through delivery.
- Translate client requirements into reusable, performant UI components shared across web and mobile projects.

Frontend Developer Intern — Jun 2025 – Aug 2025
Spinfluence Media — *Lucknow, UP*
- Built the complete frontend for **2 production websites** (Empress PC e-commerce and Spinfluence Media), delivering responsive, brand-consistent UIs across devices and browsers.
- Created reusable templates and landing pages tailored to client requirements, **reducing future development time by ∼30%**.
- Partnered with backend developers and designers to ship both sites to launch, improving client visibility and user engagement.

Projects

KYA (Know Your Agent) | *Runner-up, KIET x Trynocode Promptathon* — Link ↗ | GitHub ↗
Web3, ENS, World, 0G, Arkiv
- Built an agentic identity and security system that gives AI agents a **verifiable identity** and an accountable activity history, so users can verify who an agent represents and audit what it has done.
- Integrated **4 protocols**: World for human/entity verification, ENS for agent identity, and 0G + Arkiv for persistent agent memory and history.
- Shipped a live prototype on Vercel and placed **2nd among 100+ teams** (500+ participants) at the Promptathon.

UWI – Universal Web3 Identity | *ETHGlobal Hackathon* — Link ↗ | GitHub ↗
React, Vite, Tailwind CSS, Wagmi, Viem, Reown AppKit, Solidity, Foundry, OpenZeppelin, Celo
- Architected a scalable decentralized identity platform supporting **3 verification types** (KYC, education, employment) with NFT-based user profiles minted for cross-platform authentication.
- Integrated wallet connectivity with **Wagmi, Viem, and Reown AppKit** for privacy-first, user-owned authentication and data control.
- Developed and deployed secure smart contracts on the **Celo Network** using Solidity, Foundry, and OpenZeppelin.

Empress PC – E-commerce Product Catalog | *Personal/Business Project* — Link ↗ | GitHub ↗
React 19, Vite, Tailwind CSS, Three.js (R3F), Framer Motion, React DnD, Vercel
- Delivered an end-to-end product catalog site on **Vercel** with immersive **3D hardware visualization** (Three.js/React Three Fiber, Framer Motion) and drag-and-drop product exploration (React DnD).
- Cut the hero 3D model from **22 MB to 1.5 MB (93% smaller, 15x)** through mesh and texture compression, sharply reducing landing-page load payload.
- Implemented adaptive rendering (dynamic resolution scaling, 256px environment map, single-frame baked shadows) to keep the 3D scene responsive on lower-end devices.

Technical Skills

Languages: JavaScript (ES6+), TypeScript, Java, Python, C, SQL, Solidity
Frontend: React.js, Next.js, Vite, HTML5, CSS3, Tailwind CSS, Three.js (React Three Fiber), Framer Motion, Responsive Design, REST API Integration
Backend & Databases: Node.js, Express.js, JWT Authentication, MongoDB, Mongoose, PostgreSQL, MySQL
Blockchain: Web3, Ethereum, Celo, Foundry, OpenZeppelin, Wagmi, Viem, Reown AppKit
AI & Automation: AI Agents, LLM Integration, Prompt Engineering, AI Workflow Automation
Tools: Git, GitHub, Postman, VS Code, Cursor, Claude Code, Vercel, Linux, WSL, npm
Core CS: Data Structures & Algorithms, OOP, DBMS, Operating Systems, Computer Networks, System Design

Achievements & Leadership

- **Problem solving:** Completed the **NeetCode 150** roadmap and solved **200+** problems on LeetCode.
- **Certifications:** AWS AI Practitioner Certificate, AWS Cloud Foundations Certificate.
- **Leadership:** School President, Basketball Team Captain, Discipline Inspector; active member/organizer of FOSSCU-K, Innogeeks, and Spark Fashion Club.
- **Creatives:** Won multiple English and Hindi literary competitions (Story, Poetry, Creative Writing).