

Ayush Jain

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Education

ABES Engineering College, Ghaziabad
B.Tech in Computer Science and Engineering

Aug 2023 – May 2027

Experience

Software Developer Intern (Trainee)

Jun 2026 – Present

DistrictD (Utopian Dreams Pvt. Ltd.), Noida

- Debugged and resolved production issues on wealth-management platforms used by **Avendus** and **IncRed** advisers, using **Node.js**, **Express.js**, **EJS**, **PostgreSQL**, and **React.js** for full-stack development.
- Traced and resolved defects across backend logic, UI flows, and PostgreSQL queries in live institutional-client codebases, improving module reliability and stability
- Validated fixes across affected application flows as part of the software development lifecycle before production delivery, reducing recurring functional issues.

Software Development Intern

Apr 2026 – Jun 2026

Joyfullminds, Punjab (Remote)

- **Engineered a full-stack web platform** from scratch, reducing page load time by 35% and boosting engagement by 40%.
- **Redesigned UI architecture** for 15+ pages using React.js and Tailwind CSS, improving cross-browser consistency.
- **Optimized backend REST APIs** with Node.js and MongoDB, cutting average API response times by 25%.

Software Developer Intern

Feb 2026 – Mar 2026

Singari Global Investments, Noida (Remote)

- Diagnosed and fixed 10+ production bugs using React and state-level debugging, cutting user-reported issues by 30%.
- Refactored React.js and Tailwind CSS components, cutting page load speed by 25% and dev time by 15%.

Skills and Technologies

Programming Languages: C, Java, JavaScript, TypeScript, SQL

Frontend Development: HTML5, CSS3, React.js, Next.js, Tailwind CSS, Vite

Backend Development: Node.js, Express.js, REST APIs

Databases: MongoDB, MySQL, PostgreSQL

Developer Tools: Git, GitHub, VS Code, Postman, AWS, Docker, Vercel, Netlify, Firebase Authentication

Core CS: Data Structures and Algorithms, Object-Oriented Programming, System Design, DBMS, Operating Systems

Projects

GenShakti – AI-Powered Energy Optimizer

[GitHub](#) | [Live](#)

- Designed and developed an AI-powered platform to optimize renewable energy site selection by analyzing 10+ geospatial, weather, and consumption parameters.
- Integrated carbon modeling, real-time weather data, and usage analytics to generate data-driven energy optimization insights.
- **Built** 6+ interactive dashboards using React and React Flow, reducing scenario analysis time by 40%.

Shayoga – Decentralized Crowdfunding dApp

[GitHub](#) | [Live](#)

- Built a decentralized crowdfunding platform on Ethereum, enabling transparent, intermediary-free fundraising.
- Implemented 5+ smart contract functions to manage campaign creation, donations, and automated fund transfers.
- **Developed** a responsive full-stack Web3 application with React and Tailwind CSS, integrating MetaMask for secure wallet-based authentication.

Patents (8 Filed)

- **GenShakti: Smart Zone Selection for Renewable Energy** (App. No: 202511025280)
- **Arogyaplus: Smart Medical Insights Navigator** (App. No: 202511053923)
- **Promptly: AI-Driven Prompt Versioning and Management Platform** (App. No: 202611055011)
- **5 additional patents** filed spanning renewable energy, blockchain document security, pharma supply chain, and EdTech credential verification.

Achievements

- **3× Hackathon Winner** – Delivered winning solutions across 3 national-level hackathons competing against 100+ teams.
- **2× Hackathon Mentor** – Mentored student teams on ideation, system design, and execution.
- **Hacktoberfest SuperContributor** – Merged 6+ pull requests across 4+ open-source repositories.
- **GDG Co-Organizer** Led a 35-member team coordinating national-level hackathons for 4,500+ participants across a 2,500+ member developer community.