

DAVID KUMAR FULE

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PROFESSIONAL SUMMARY

Full-stack Web Developer skilled in scalable Back-end architectures, responsive Front-end frameworks, and AI/LLM integrations. Active Open Source Contributor passionate about building impactful, production-grade applications.

EDUCATION

International Institute of Information Technology, IIIT Naya Raipur
B.Tech in Electronics and Communication.

Nov 2022 - Present

EXPERIENCE

Open Source Contributor [Certificate](#)
GSSoC

Oct 2024 - Nov 2024
Remote

- Contributed to open-source projects by collaborating with the global developer community through GitHub, submitted 5+ meaningful PRs in a short span of time.
- Collaborated with global contributors on GitHub, using Git/GitHub for version control, code reviews, and pull requests to maintain scalable, production-ready codebases.
- Debugged and resolved complex front-end issues by applying strong problem-solving skills, ensuring cross-browser compatibility and adherence to modern best practices.

PROJECTS

Aurora AI (MERN, React.js, Node.js, Express, MongoDB, Socket.io, Pinecone, Google Gemini API)

- Developed a production-grade AI-powered chatbot with responsive design, real-time messaging, and secure authentication.
- Built a scalable backend that can handle 350+ users /day using Node.js, Express, and MongoDB, integrating Socket.io for real-time communication and JWT-based authentication.
- Integrated the Google Gemini API with Pinecone Vector DB to deliver intelligent, persistent, and 90% context-aware AI conversations, showcasing real-world API integration. ([Live](#))

PoemSite & Admin Dashboard (Next.js, TypeScript, Node.js, Tailwind CSS, Nodemailer, Firebase, Chart.js)

- Built a responsive dashboard and SEO-optimized poetry sharing platform with Next.js, TypeScript, and TailwindCSS, supporting dynamic poem pages, modern UI components, and secure authentication.
- Integrated REST APIs and Firestore database for nested real-time commenting, content moderation, and analytics with strong access control.
- Engineered a transactional Node.js mail server with SMTP integration to automate notifications, and optimized performance for improved engagement and scalability. ([Live](#)) ([Live](#))

SKILLS

Languages	JavaScript (ES6+), TypeScript, HTML5, CSS3
Frameworks/Tools	Next.js, React.js, Vite.js, Node.js, SCSS, TailwindCSS, ShadCN UI, Material UI
Databases/Deployment	PostgreSQL, MongoDB, AWS, Render, VectorDB, GraphDB, CI/CD
Dev Tools/Version Control	Git, Github, VS Code, Github Copilot, React/Redux Dev Tool
Gen AI & Agents	LLMs, Langgraph, Agent SDK, CrewAI, API Integration

ACHIEVEMENTS/CERTIFICATIONS

- Web Dev Hackathon Participant - Sheryians Coding School [Certificate](#)