

Sumit Kumar

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LinkedIn • Github



PROFESSIONAL SUMMARY

Second-year Computer Science undergraduate and full-stack web developer who ships software end to end, from React frontends to Node.js backends and cloud deployments. Open-source contributor driven by ownership, curiosity for AI, and building things that matter.

EDUCATION

Bachelor of Technology (Computer Science)

Newton School of Technology, Pune

2024 - 2028

Grade: 8.7/10.0

Intermediate (Class XII)

Glt Saraswati Bal Mandir Senior Secondary School, Delhi

2023 - 2024

Grade: 83.0%

Matriculation (Class X)

Glt Saraswati Bal Mandir Senior Secondary School, Delhi

2021 - 2022

Grade: 90.67%

EXPERIENCE

Software Engineering Intern

Frammer AI

February 2026 - April 2026

Remote

- Engineered an LLM Waterfall Orchestrator that sequentially invoked multiple AI vendors with automatic fallback and failure handling, eliminating single points of failure and improving reliability of AI pipelines.
- Architected and built a dynamic Template Management System by migrating static templates and assets to a database and AWS S3, enabling user-uploaded PSDs to become editable templates with custom and Google Fonts while removing manual developer workflows.
- Built and deployed a resilient video-processing and infrastructure stack using yt-dlp, Docker, GCP, and AWS, overcoming bot detection and cloud restrictions to deliver reliable media retrieval and improve production stability.

PROJECTS

InterviewLab ([Github](#)) ([Demo](#))

June 2026

- Built a voice-first AI mock interview platform using React, Node.js, Express, and PostgreSQL (Prisma), delivering real-time, bidirectional spoken interviews tailored for behavioral, technical, system design, and HR formats.
- Engineered a low-latency conversational architecture using WebSockets and the Deepgram Voice Agent API, enabling natural audio interactions with tap-to-interrupt barge-in functionality.
- Developed a dynamic decision engine using LangGraph and Groq LLMs to personalize questions against user resumes and job descriptions, providing live adaptive scoring and comprehensive post-interview feedback reports.

Explainer AI ([Github](#)) ([Demo](#))

January 2026

- Built an AI-powered content learning platform using React, Node.js, Express, and PostgreSQL that converts web articles, YouTube videos, PDFs, and text into AI-generated summaries, podcasts, quizzes, notes, and interactive visualizations.
- Engineered a scalable asynchronous architecture with BullMQ, Redis, and dedicated background workers, integrating Gemini, OpenRouter, Firecrawl, and Supadata to enable reliable AI generation, audio synthesis, and content processing.
- Achieved WCAG 2.1 AA compliance (98/100 Lighthouse score) by implementing ARIA labels, keyboard focus management, and accessible form validation across 11+ dialogs and 4 auth flows.

City Explorer ([Github](#))

November 2025

- Built a cross-platform React Native (Expo) app for local event and restaurant discovery, with a dark-mode UI and city-based filtering.
- Built navigation and global state with React Navigation and ContextAPI, persisting auth and bookmarks via AsyncStorage.

CERTIFICATIONS

Generative AI for Everyone DeepLearning.AI ([Link](#))

May 2025

- Learned the fundamentals of Generative AI, including common use cases, limitations, risks, and opportunities.
- Gained an understanding of the Generative AI project lifecycle, prompt engineering basics, Responsible AI practices, and real-world applications across business and society.

AI For Everyone DeepLearning.AI (Coursera) ([Link](#))

February 2025

- Developed a strong conceptual understanding of Artificial Intelligence (AI), Machine Learning (ML), Deep Learning, and Responsible AI principles.
- Learned how AI products are designed, evaluated, and deployed in real-world business and societal contexts, with emphasis on ethics, governance, and AI strategy.

SKILLS

Computer Language: CSS, HTML, JavaScript, Python, SQL, TypeScript

Databases & Data Tools: MongoDB, PostgreSQL, Supabase, MySQL

AI / ML: LangChain, LangGraph, RAG, Natural Language Processing

APIs & Testing: OAuth 2.0, Postman, Gemini API, Bash Scripting

Cloud & DevOps: Git and Github, Docker, Docker Compose, AWS, GitHub Actions

Frameworks & Libraries: Express JS, Node.js, Prisma ORM, React, React Native, Tailwind CSS, Next.js, FastAPI, NumPy, Pandas

EXTRA-CURRICULAR ACTIVITIES

Open Source & Achievements

- Currently Ranked #9 in **GirlScript Summer of Code 2026** with 39,764 contribution points across active open-source repositories.
- Shipped **merged contributions** to widely used projects: **React Router** (bug fixes), **pnpm** (package-manager enhancements), **Simple Icons** (brand icons), and **Shiki** (syntax-highlighting fixes).