

SHOBHIT SHARMA

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SUMMARY

Software Developer specializing in scalable **full-stack** and **AI-powered applications** with hands-on experience in **backend architecture**, **cloud deployment**, authentication systems and **LLM integrations**. Strong foundation in DSA, **REST APIs**, system design and production-grade application development.

SKILLS

Programming Languages	TypeScript, JavaScript, Python, C++, C
Frontend Technologies	React, Next.js, HTML, CSS, Tailwind CSS, Framer Motion
Backend & Databases	Node.js, Express.js, MongoDB, MySQL, PostgreSQL
AI & GenAI	LLM Applications, Prompt Engineering, Gemini API, AI Integration, AI-Powered Web Apps
Cloud & DevOps	AWS EC2, Docker, CI/CD, GitHub Actions, Linux, NGINX, Vercel
Tools & Platforms	Firebase, Git, Postman, REST APIs, BetterAuth, Prisma ORM
Core Concepts	DSA, Authentication, API Development, SSR, Deployment, Scalable Systems

PROJECTS

Agentic RAG Chatbot	Project Link
- Developed an Agentic RAG-based chatbot integrating LLMs, Retrieval-Augmented Generation (RAG) and autonomous AI workflows for intelligent contextual conversations. - Implemented advanced document retrieval pipelines, vector search and prompt orchestration to improve response relevance and accuracy and built scalable backend architecture with support for multi-document querying, semantic search and conversational memory. - Optimized chatbot performance using modern AI tooling, API integrations and efficient retrieval strategies for production-ready deployment.	
Multilingual Voice Assistant	Project Link
- Engineered a Multilingual AI Voice Assistant capable of speech recognition, natural language understanding and multilingual voice interaction. - Integrated speech-to-text, text-to-speech and AI-powered conversational capabilities for seamless user communication and designed intelligent workflows supporting multiple languages with enhanced accessibility and real-time voice processing.	
Fire Notes	Project Link
- Engineered an AI-powered academic assistant that transforms unstructured study material into concise, context-aware summaries using LLMs. - Designed and optimized advanced prompt engineering pipelines, significantly improving response accuracy, relevance and consistency for educational content generation.	
Career Connect (Job Portal)	Project Link
- Developed a full-stack job portal with role-based access control, enabling recruiters and applicants to manage job workflows efficiently - Built scalable backend APIs with search, filtering, and dashboard features and implemented secure authentication using JWT - Deployed using Netlify and Render and integrated AI-based job recommendation and smart search features for personalized user experience	

ACHIEVEMENTS

- Achieved **1728+** **LeetCode** rating with **600+** **DSA problems solved**, demonstrating strong algorithmic and optimization skills.
- Qualified in **TCS CodeVita** and multiple national-level coding assessments.
- Led a team during **InnoTech 2023** to design and prototype scalable technology solutions.

CERTIFICATIONS

Career Essentials in Generative AI	View Certificate
Covered Generative AI fundamentals, LLM applications, prompt engineering, AI-assisted workflows, responsible AI practices, and productivity enhancement using modern AI tools and platforms.	
Software Development Fundamentals	View Certificate
Focused on software engineering principles, debugging, clean coding practices, development workflows, problem-solving methodologies, version control, and modern application development concepts.	

EDUCATION

KIET Group of Institutions	Nov 2022 – Present
B.Tech in Computer Science & Information Technology	CGPA: 7.68/10
St. Teresa's Academy	Mar 2020 – Apr 2021
ISC	89%