Sarthak Bhatnagar

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EDUCATION

VIT Bhopal University   Aug 2022 - Aug 2026
B.Tech. Computer Science & Engineering   *Current CGPA: 8.43/10*

Neerja Modi School   Mar 2019 - Mar 2021
Senior Secondary Education (Class 12)   *Percentage: 89%*

Neerja Modi School   Mar 2017 - Mar 2019
Secondary Education (Class 10)   *Percentage: 92%*

SKILLS

Programming Languages: JavaScript, C++, Python, SQL
Web Technologies: React.js, HTML, CSS, Tailwind CSS, Node.js, Express.js, MongoDB, LangChain
Tools: GitHub, VS Code, Web-Sockets, Firebase
Technical Subjects OOPs, Operating System, Computer Networks

EXPERIENCE

Software Developer Intern | *YellowTribe.io*   Feb. 2025 - May. 2025

- Developed, tested, and deployed full-stack web applications using React and RESTful APIs. Collaborated with senior developers on code reviews, database schema design, and responsive UI implementation for the startup's core product.

PROJECTS

AI-Readme-Generator | *JavaScript, Node.js, Python, LangChain, FAISS* | View Project   Dec 2024 - Feb 2025

- Published a Visual Studio Code extension on the Marketplace with 50+ downloads in the first month, automating project analysis and using Retrieval-Augmented Generation (RAG) with Google Gemini to create structured README documentation.
- Developed a Python backend integrating LangChain, FAISS vector store, and Google Gemini API to perform semantic search across 1,000+ extracted source files, producing accurate, context-specific documentation.
- Built a PDF reporting system with jspdf and PyPDF2 to process codebases up to 10,000 lines, generating structured analysis reports in under 10 seconds with built-in error handling and logging.

Learnovate | *React, Node.js, Express.js, MongoDB, JWT, Framer Motion* | View Project   Mar 2025 - July 2025

- Built a full-stack online learning platform as a solo project, supporting 15+ sample courses with secure authentication, interactive catalog, and responsive layout for mobile and desktop.
- Implemented 8+ RESTful API endpoints in Node.js/Express.js with JWT authentication and MongoDB, enabling persistent storage, advanced search, and multi-parameter filtering.
- A React frontend with Tailwind CSS, integrated 10+ Framer Motion animations, and added video playback for 20+ course videos to enhance learning experience.

EXTRA-CURRICULAR

Management Team Co-lead | *MUN Club*   Jan 2023 - Aug 2023

- Led planning and execution of Model United Nations events, coordinating logistics, delegate management, and event promotion while collaborating with faculty to ensure smooth operations and high engagement during conferences.

CERTIFICATIONS

The Bits and Bytes of Computer Networking | Certificate
NPTEL Cloud Computing Certification
GitHub Actions Certification | Certificate