


Abhay Mulani

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Software engineer with a strong track record of optimizing code performance and delivering efficient backend solutions. Experienced in developing scalable web applications that solve real-world problems and improve user workflows.

EDUCATION

Bachelor of Technology, Computer Science, Pranveer Singh Institute of Technology, Kanpur, SGPA: 8.25/10.0	2022 — 2026
Senior Secondary (XII), Science, St. Francis Xavier's Inter college, Kanpur, Percentage : 77%	2021 — 2022
High School (X), Science, St. Francis Xavier's Inter college, Kanpur, Percentage : 84%	2019 — 2020

PROJECTS

Synapse, AI-Powered Real-Time Chat App | [GitHub](#) Ongoing

- Developing a full-stack real-time chat application utilizing the MERN stack (MongoDB, Express.js, React, Node.js), demonstrating strong capabilities in building server and backend services.
- Integrating Google Gemini API for AI support to enhance chat functionalities.
- Implementing Redis for improved performance and utilizing socket connections for seamless real-time communication.
- **Tech Stack:** MongoDB, Express.js, React, Node.js, Google Gemini API, Redis, Socket.io.

Resume Buddy, Resume Parser | [GitHub](#) May 2025

- Developed a Resume Parser App using Generative AI and Flask to help job seekers determine if their resumes are ATS (Applicant Tracking System) friendly.
- Enables users to upload PDF resumes for parsing and extraction of information such as name, email, GitHub/LinkedIn profiles, employment details, and skills, presented in JSON format.
- Utilizes various libraries and NLP tools for efficient resume data extraction.
- **Tech Stack :** Python, Flask, Pyresparser, pdfminer.six, docx2txt, NLTK, Spacy.

Code Reviewer, AI-Powered Web Application | [GitHub](#) August 2024

- Developed an AI-driven web app that analyzed code and generated real-time improvement suggestions, reducing code review time by 40%.
- Integrated OpenAI's API to auto-suggest improvements, boosting developer productivity by **~25%** during sprint cycles and reducing code review dependency. Implemented a responsive frontend with React and managed backend services with Node.js and Express, using MongoDB for data persistence.
- **Tech Stack :** MongoDB, Express.js, React.js, Node.js, OpenAI API.

TECHNICAL SKILLS

Languages: Python, JavaScript, Java, C, C++, Kotlin.

Technologies: Node.js, React, FastApi, SQL

Tools: Git, Docker, Jupyter-Notebook, Postman, IntelliJ, VS Code

Databases: MySQL, MongoDB, SQLite, Knowledge Graphs

AI/ML: Pandas, NumPy, Matplotlib

ACHIEVEMENTS

- 5 Star in Problem Solving on HackerRank, ranking in the top 5% globally.
- 300+ DSA problems solved on LeetCode.

CERTIFICATIONS

- Salesforce AI Trailblazer Champion Certification.
- Infosys Springboard – OOPS.
- Infosys Springboard – Python Programming.
- Infosys Springboard – React Js.