GAURAV KUMAR

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SUMMARY

passionate and self-motivated web developer with experience in full-stack development using the MERN stack and Python-Flask. Created and deployed real-world apps like a healthcare appointment system and an expense tracker that had secure logins and responsive UI-UX. Actively participate in competitive programming and have a Leetcode rating of 1350 and have solved more than 185 problems. Dedicated to always learning and using tech skills that are useful in the real world.

TECHNICAL SKILLS

Programming Languages: Python, C++, HTML,CSS, JAVA,SQL,JAVA SCRIPT,MATLAB

Web Development : MERN Stack

Libraries & Tools: NumPy, Pandas, Scikit-learn, Git

Backend & Databases : MySQL, MongoDB

PROJECTS

Healthcare Booking Appointment System   June 2025 – Present
Full Stack Web Development Project   *MERN Stack (MongoDB, Express.js, React.js, Node.js)*
- Engineered a comprehensive appointment management system enabling seamless interactions between doctors and patients
- Implemented secure, role-based user authentication and personalized dashboards for both user types
- Developed real-time scheduling, appointment management, and medical history tracking functionality
- Created responsive frontend components and connected them with backend RESTful APIs for smooth data flow

Expense Tracker Web Application   Feb 2024 – May 2024
Full Stack Web Development   *Python, Flask, MySQL, HTML, CSS, JavaScript*
- Designed and developed a lightweight web application for tracking and categorizing daily expenses
- Built secure login functionality and user-specific dashboards using Flask and MySQL
- Implemented CRUD operations and data visualizations for expense summaries and trends
- Developed modular Flask routes and connected them with a responsive frontend using HTML, CSS, and JavaScript

EXPERIENCE

Full Stack Developer (Project-Based)   *July 2025 – Present*
SaaS Platform for Underprivileged Students in India   *Bhopal, MP*
- Architected and implemented a full-stack SaaS platform to support underprivileged students with digital resources, peer learning, and volunteer educators
- Built core features including a digital library, teacher portal, book donation system, and virtual study rooms using the MERN stack
- Integrated location-based search, real-time chat, multilingual support, and accessibility enhancements to maximize inclusivity
- Coordinated UI/UX planning and developed an analytics-driven admin dashboard to oversee engagement and resource utilization

EDUCATION

VIT Bhopal University   Bhopal, MP
B-TECH in Computer Science   *Sep 2023 – May 2027*

CERTIFICATIONS

- NPTEL – Machine Learning (IIT course)
- MERN Full Stack Development by Ethnus