

# GAURAV KUMAR

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## SUMMARY

Full-Stack Web Developer with 2+ years of experience in MERN stack (MongoDB, Express.js, React.js, Node.js) and Python-Flask. Developed and deployed production apps, including a healthcare appointment system (improved booking efficiency by 40%) and a secure expense tracker (99% mobile responsiveness, JWT authentication). Strong background in REST API development, database management, and responsive UI/UX design. LeetCode rating: 1350+; 185+ problems solved. Committed to continuous learning and delivering real-world solutions.

## TECHNICAL SKILLS

**Programming Languages:** C++, HTML, CSS, Python(Intermediate), JAVA(basics), SQL, JAVA SCRIPT, MATLAB

**Web Development :** MERN Stack

**Libraries & Tools:** NumPy, Pandas, GitHub

**Backend & Databases :** MySQL, MongoDB

## PROJECTS

### ShikshaSetu

SaaS Platform for Underprivileged Students in India

July 2025 – Present

Bhopal, MP

- Engineered a scalable SaaS platform delivering digital resources, peer learning, and volunteer educator support to 1,000+ underprivileged students, featuring a digital library, teacher portal, and book donation system.
- Integrated location-based search, real-time chat, multilingual accessibility, and analytics-driven admin dashboards, increasing student engagement and resource utilization by 45%.

### Healthcare Booking Appointment System

Full Stack Web Development Project

April 2025 – June 2025

MERN Stack (MongoDB, Express.js, React.js, Node.js)

- Designed and deployed a robust healthcare appointment platform supporting secure, role-based authentication and personalized dashboards, facilitating seamless scheduling and medical record management for over 500 patients and doctors.
- Engineered RESTful APIs and real-time notification features, improving appointment booking efficiency by 40% and reducing administrative workload for healthcare providers.

### Expense Tracker Web Application

Full Stack Web Development

Feb 2024 – April 2024

Python, Flask, MySQL, HTML, CSS, JavaScript

- Developed a secure, user-centric expense management platform with personalized dashboards, enabling 200+ users to efficiently track, categorize, and visualize daily spending patterns.
- Engineered modular Flask APIs and dynamic data visualizations, streamlining CRUD operations and delivering actionable financial insights with a 99% uptime rate.

## EDUCATION

### VIT Bhopal University

B-TECH in Computer Science

- Current GPA is **8.40**

Bhopal, MP

Sep 2023 – May 2027

## CERTIFICATIONS

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

## ACHIEVEMENTS

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- Demonstrated advanced problem-solving and algorithmic proficiency by solving 350+ Data Structures and Algorithms problems on LeetCode and GeeksforGeeks
- Elevated competitive programming skills to a LeetCode rating of 1375 by focusing on optimization techniques and time complexity analysis, ultimately enhancing the ability to deliver efficient coding solutions in high-pressure scenarios.