Ankit Kumar

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PROFESSIONAL SUMMARY

Enthusiastic and adaptable fresher with a strong foundation in Data Science, Web Development, and Business Operations. Skilled in Python, SQL, and front-end technologies, with hands-on project experience in full-stack application development, IoT, and database management. Strong analytical and problem-solving skills combined with effective communication, teamwork, and customer service abilities. Interested in exploring roles across Engineering, Product, HR, Sales, Marketing, Finance, Operations, and Customer Support, contributing to organizational growth through both technical expertise and cross-functional collaboration.

WORK EXPERIENCE

MAD2 Project – Vehicle Parking Site   May 2025 – Sep 2025
Indian Institute of Technology Madras, Chennai, Tamil Nadu (Academic Project)

- Developed a full-stack vehicle parking management application using Flask (backend) and Vue.js (frontend).
- Designed optimized SQLAlchemy database models for users, reservations, payments, and feedback.
- Integrated RazorPay payment gateway for secure transactions, increasing efficiency by 30%.
- Built a responsive UI and REST APIs for seamless communication between front-end and back-end.

MAD1 Project – Online Quiz Platform   Jan 2025 – Mar 2025
Indian Institute of Technology Madras, Chennai, Tamil Nadu (Academic Project)

- Built a Flask-based quiz platform with an admin dashboard and SQLite database.
- Implemented authentication, quiz management, and real-time score tracking.
- Enhanced load speed by 20% through query optimization and responsive Bootstrap design.

PROJECTS

MAD2 – Vehicle Parking Site   May 2025 - Sep 2025
GitHub Repository

- Developed a full-stack parking management system using Flask, Vue.js, and SQLAlchemy.
- Designed PostgreSQL models for parking lots, reservations, payments, and feedback.

Online Quiz System   Jan 2025 - Apr 2025
GitHub Repository

- Created a Flask-based online quiz platform with admin dashboard.
- Managed authentication, quiz setup, and scoring in real time.

IoT-Based Home Automation System   Jul 2024 - Aug 2024

- Designed a Bluetooth-controlled home automation system with Arduino UNO and HC-05.
- Enabled remote switching of appliances via mobile.

Education

Indian Institute of Technology Madras, Chennai, Tamil Nadu 2023 – Present
BS in Data Science and Applications

C.M.Sc. College, Darbhanga, Bihar 2020 – 2022
Intermediate (Class 12)
Percentage: 86.8%

V.S.B. High School, Belahi, Madhubani, Bihar 2018 – 2020
Matriculation (Class 10)
Percentage: 90%

Skills

Programming & Technical: Python, JavaScript, HTML, CSS, Flask, Bootstrap, Vue.js, SQLAlchemy, PostgreSQL, SQLite, Git, REST APIs

Data & Analytical: Statistics, Data Visualization, Financial Analysis (Excel, SQL), Process Optimization, Problem-Solving

Business & Operations: HR Management Basics, Sales Strategies, B2B/B2C Operations, Customer Relationship Management (CRM), Process Excellence

Communication & Collaboration: Public Speaking, Presentation, Documentation, Cross-Team Coordination, Customer Support

Other Tools: MS Office Suite (Excel, PowerPoint, Word), Google Workspace