

GAURAV DUBEY

Rewa, Madhya Pradesh

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SUMMARY

Computer Science Graduate with hands-on experience in AI-based systems, backend development, and business-focused technology solutions. Skilled in Python, FastAPI, machine learning, REST APIs, data processing, and translating requirements into working applications. Experienced in collaborating with teams, building user-focused solutions, and supporting AI chatbot and grievance management systems for government portals.

PROJECTS

Potato Disease Classification [↗](#)

CNN, FastAPI, Streamlit, TensorFlow

- Developed a CNN-based image classification model for potato leaf disease detection using TensorFlow and Python.
- Performed image preprocessing and deployed the model using FastAPI and Streamlit for real-time predictions.
- Deployed the model using FastAPI and Streamlit for real-time predictions. .

Doctor Appointment System [↗](#)

MERN Stack, MongoDB, React.js

- Developed a full-stack appointment booking system with role-based dashboards for doctors and patients.
- Implemented REST APIs, JWT authentication, and MongoDB schemas for secure data management and scheduling workflows.
- Built responsive React.js interfaces for appointment scheduling, tracking, and user management.

INTERNSHIP EXPERIENCE

Software Development Intern

Nov 2025 – Mar 2026

MPOnline Limited

Bhopal, MP

- Developed RESTful APIs using FastAPI for AI chatbot and grievance systems in government portal workflows.
- Worked on document processing, text chunking, and knowledge base creation to support intelligent query handling..
- Collaborated with team members to understand business requirements and convert them into working backend features.
- Integrated SQL databases, tested APIs using Postman, and supported frontend testing and deployment activities.

AI Intern

Jan 2025 – Feb 2025

TechSaksham (AICTE)

Remote

- Developed ML models for disease prediction using Logistic Regression, SVM, and Decision Trees.
- Developed a Streamlit-based web application for real-time health risk prediction.
- Performed data preprocessing, feature engineering, and model tuning to improve prediction performance.

EDUCATION

Rewa Engineering College

2021 – 2025

B.Tech in Computer Science and Engineering

Rewa, MP

TECHNICAL SKILLS

- **Programming:** Python, C++, C
- **Backend/Web:** FastAPI, REST APIs, JWT, Node.js, React.js
- **Databases:** MongoDB, SQL
- **ML:** TensorFlow, Scikit-learn, Streamlit
- **Tools:** Git, GitHub, Docker, Postman, VS Code
- **Core CS:** DSA, OOP, DBMS, OS, Computer Networks

CERTIFICATIONS

- Mastering DSA (Udemy) [↗](#)
- Full Stack Web Development (CodeHelp) [↗](#)
- C++ Programming Foundation (GFG) [↗](#)
- 100 Days of Code (Udemy) [↗](#)

EXTRACURRICULAR

- **Volleyball:** Active participant in college tournaments
- **E-Cell Club:** Organized workshops and events