Ayush Upadhyay

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GitHub: Open GitHub | LinkedIn: Open LinkeDin | Portfolio: Open Portfolio

Objective

Computer Science undergraduate passionate about building scalable, real-world applications integrated with AI/ML technologies. Seeking a paid internship to apply full-stack, backend, and ML skills in solving industry-grade problems. Delivered 6+ polished, production-ready projects using C++, Django, MERN stack, and GPT-powered APIs.

Technical Skills

Languages: JavaScript (ES6+), Python, C++, HTML, CSS
Frontend: React.js, Next.js, EJS, Tailwind, Bootstrap
Backend: Node.js, Express.js, MongoDB, REST APIs
AI/ML: Scikit-learn, Pandas, OpenAI GPT-4
Tools: Git, GitHub, Postman, Multer, Cloudinary, Razorpay
Auth: JWT, Passport.js, Sessions
Deployment: Vercel, Render, MongoDB Atlas
Problem Solving: LeetCode, GFG (200+ problems solved)

Best Projects   (Links Might Take Some Time)

DocOnTime – AI-Powered Healthcare System   [Link]

- Full-stack web app with AI symptom checker using GPT-4 and follow-up question system
- JWT-based auth, Razorpay integration, doctor-patient models
- Node.js, Express, MongoDB, deployed on Render

SmartResumeAI – Resume Analyzer with ATS Scoring   [Link]

- Parses PDF resumes, evaluates ATS compliance, and gives actionable feedback
- Integrated score algorithm and MongoDB-based resume history
- Tailwind frontend + Node/Express backend, deployed on Render

Fraud_Detector – ML-based Financial Anomaly Checker   [Link]

- Django web app using Logistic Regression & Random Forest to detect fraud
- Achieved 96% accuracy with well-explained predictions and graph outputs
- Trained using Scikit-learn, Pandas; web UI for input + JSON API

MiniOS – Custom OS Simulation in C++   [Link]

- Built a command-line OS simulator with user authentication, CLI, and Round Robin scheduler
- Used OOPs, STL (vector/map), and file handling for simulating core OS tasks
- Modular, terminal-based system for showcasing system-level logic

Education

B.Tech – Computer Science, BIET Jhansi (2022–2026) | CGPA: 7.02
Intermediate – Shatrughan Singh Inter College, UP (2021) | 78.4%