

# Ayush Upadhyay

puskaru202@gmail.com | GitHub: [Open Link](#) | Portfolio: [Open Link](#) | +91 9616180577  
LinkedIn: [Open Link](#) | Leetcode: [Open Link](#) | GFG: [Open Link](#)

## Education

- ❖ **Bundelkhand Institute of Engineering and Technology (BIET), Jhansi** (2022 – 2026)  
B.Tech in Computer Science and Engineering CGPA: 7.00/10
- ❖ **Jawahar Lal Nehru Inter College , Kanpur Nagar** (2020 – 2021)  
Intermediate Percentage: 78.4%

## Experience

- ❖ **Full Stack Intern (Uptricks Services Private Limited)** [\(Open Link\)](#) (July 2025 – Sept 2025)  
**Task Management System (WorkNest)** — Engineered a *full-stack collaborative task management platform* with secure JWT auth, real-time WebSocket updates, and *modular RESTful APIs using MERN stack*. Delivered a fully responsive, notification-driven UI enabling seamless task coordination across teams.

## Selected Projects

- ❖ **SmartBanking System Project (SDE Role)** [\(Open Link\)](#) (June 2025)  
Designed and implemented a *full-stack fintech platform* with scalable architecture using **MERN**. Added analytics dashboards, and *real-time notification services*. Built **CI/CD pipelines and Dockerized deployment**.
- ❖ **DocOnTime** [\(Open Link\)](#) (Feb 2025 - March 2025)  
**AI-powered healthcare booking platform** with a symptom checker, **Razorpay integration**, and secure JWT authentication. Built on **Node.js, MongoDB, and EJS**. Includes **dynamic doctor-patient scheduling**, appointment tracking, and a fully **responsive front-end powered by EJS and Tailwind**.
- ❖ **MiniOS** [\(Open Link\)](#) (April 2025)  
Custom **OS-level CLI system** built in **C++** **simulating file system**, CPU scheduling, and **basic user authentication**. Designed core modules for command parsing, **memory management**, and **user-level access controls** to simulate real-world OS behavior.
- ❖ **Fraud Detector** [\(Open Link\)](#) (May 2025)  
**ML-based Django app** detecting financial fraud with **96%+ accuracy** using **Random Forest** and **Logistic Regression**. **Deployed on Render**. Integrated a custom-trained **model pipeline with user authentication** and an intuitive interface for real-time fraud prediction.

## Skills

- ❖ Languages: **JavaScript, TypeScript, Python, C++**  
Frontend: **React.js, Next.js, Tailwind CSS, Bootstrap**  
Backend: **Node.js, Express.js**  
Databases: **MongoDB, MySQL, PostgreSQL**  
DevOps & Tools: **Docker, CI/CD (GitHub Actions), Railway, Render, Vercel**  
AI/ML: Integration, model pipelines, Numpy , Pandas, Data  
Authentication: **JWT, OAuth, Passport.js, Session-based**  
API Integration: **Razorpay, Cloudinary, Mapbox**

## Achievements

- ❖ Solved **500+ DSA** problems on **LeetCode** & GFG
- ❖ **JEE Mains 2022: 94.037** percentile