Nikhil Gupta

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CAREER OBJECTIVE

Passionate software developer with hands-on experience in Python, web development, and ML. Seeking opportunities to build impactful products while continuously learning and growing with dynamic teams.

EDUCATION

B.Tech, United College Of Engineering and Research, Prayagraj	2021 - 2025
Class XII, St Joseph's School	2020 - 2021
Class X, Prakash Genius Public English School	2018 - 2019

SKILLS

Frontend	HTML5, CSS3, React.js
Backend	Flask, Python, SQL (basic CRUD), GitHub Actions
ML/DS	Scikit-learn, Pandas, NumPy, Matplotlib,

WORK EXPERIENCE

Lumenore - DevOps Intern — July 2024 - Aug 2024
- Packaged a Python-based analytics application into a microservice using **Cloud Native Application Bundles (CNAB)** and **Porter** for container deployment.
- Used **Docker**, **CI/CD**, and **GitHub Actions** to automate builds and improve deployment efficiency.
- Collaborated with DevOps engineers and developers to test, version, and publish the service on DockerHub and GitHub Packages.

Netlink Software Private Limited - Software Intern — Aug 2023 - Sep 2023
- Gained hands-on experience with **Python** programming, focusing on real-world logic building and scripting.
- Practiced collaborative development through **GitHub pull requests**, version control workflows, and issue tracking with project boards.

PROJECTS

WatchHub - Movie-Recommendation Website (Visit Live Website)
- Built ML model using Random Forest; achieved > 92% accuracy on fraud detection dataset.
- Implemented responsive UI with **React Hooks** for efficient state management and API integration.
- Project taught handling third-party APIs, asynchronous calls, and user experience design.

FraudShield - AI-Powered Fraud Detection
- Developed a **machine learning model** using a Random Forest Classifier to identify fraudulent transactions with > 92% accuracy on test data.
- Preprocessed data with **Pandas**, **NumPy**, and handled class imbalance via **SMOTE** technique.
- Built and deployed using **Flask** to serve the model and process live transaction data.

CERTIFICATIONS & ACTIVITIES

- **Microsoft Certified:** Azure AI Fundamentals

- Machine Learning using Python, IBM

- Participated in Qwiklabs – Google Arcade 2024

- **LeetCode**: 160+ DSA problems (Top 87%)(Profile)