Abhishek Yadav

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Professional Summary

Aspiring Software Developer with a strong academic foundation in computer applications and hands-on experience in web development, AI-based projects, and data analysis. Proficient in a variety of programming languages and frameworks. Excels in collaborative environments and passionate about building scalable, user-focused applications.

Technical Skills

Languages: Python, Java, C, C++, SQL, PLSQL

Web Technologies: HTML5, CSS3, JavaScript, JSP

Databases: MySQL, Oracle, MongoDB

Frameworks & Libraries: OpenCV, Mediapipe, Pandas, Matplotlib

Tools & Platforms: Eclipse, Visual Studio, Apache, MS Office

Projects

BookCosmo – Online Book Store

Developed a full-stack web application using Java, JSP, MySQL, and CSS. Implemented user authentication, search and filter features, and responsive UI components.

CipherGuard – Cryptography Tool

Built an encryption/decryption platform using AES algorithm and JavaScript. Designed for securing sensitive messages through intuitive UI.

Delhi Metro Network Analysis

Performed data visualization on metro traffic using Python libraries (Pandas, Matplotlib) and real-world data from Kaggle.

AI Detection Suite

Engineered a detection system using Python, OpenCV, and Mediapipe to recognize faces, cars, smiles, and track pedestrians in real time.

Internship Experience

Python Intern – Devtern (June 2024 – August 2024)

Worked on real-world Python automation tasks and contributed to backend scripts for data processing and validation.

Education

Master of Computer Application, Amity University, Noida (2023 – 2025)

Bachelor of Computer Application, D.D.U University, Gorakhpur (2019 – 2022)

Kendriya Vidyalaya No.1 AFS Gorakhpur – Class XII (2019), X (2017)

Certifications

NPTEL: Foundation of Cloud IoT Edge ML

NPTEL: Privacy and Security in Online Social Media

HackerRank: Certified Java proficiency and algorithm problem-solving

Relevant Coursework

Data Structures, Algorithms, DBMS, Programming Techniques, Data Warehousing, Web Programming, Cloud Infrastructure, Big Data Analytics