Priyanshu Kumar Ojha

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Education

B.Tech Computer Science and Engineering 2022–2026
Bennett University, Greater Noida *CGPA: 8.93*

CBSE Class XII May 2021
Army Public School, Noida *Score: 92%*

Key Skills

Programming Languages: Java (Advanced), Kotlin (Advanced), Python (Intermediate)

Cloud Computing: AWS Cloud (Certified), Firebase

Databases: MySQL, MongoDB, PostgreSQL

Tools/Frameworks/Libraries: AWT, Swing, MVVM, Jetpack Compose (Advanced), REST APIs, Git/GitHub

Operating System: Windows, Linux

Relevant Coursework: Data Structures & Algorithms, Machine Learning, Object Oriented Programming, Operating Systems, Database Management Systems, Software Engineering

Certifications

AWS Certified Cloud Practitioner (AWS) Certificate Link
Improving Deep Neural Networks (AIML) | *Coursera* Certificate Link
Algorithmic Toolbox | *Coursera* Certificate Link

Projects

Chat Application (Kotlin) GitHub
- Built a Kotlin-based chat app using Jetpack Compose and MVVM architecture for real-time messaging.
- Integrated Firebase Firestore and Authentication for secure data storage and user management, enabling safe data storage for over 1,000 app users while enhancing overall application security measures.
- Designed a responsive UI with coroutines for smooth state handling.
- Skills: Kotlin, Jetpack Compose, MVVM, Firebase, Real-Time Messaging, UI/UX Design, Coroutines, Testing.

Salary Prediction App (Machine Learning) GitHub
- Engineered a Machine Learning web application using Python and Streamlit for real-time salary prediction based on real-world data.
- Implemented models including Linear Regression, Decision Trees, and Random Forest Regression resulting in predictions 10% more accurate than existing salary predictions for job seekers.
- Applied GridSearchCV for hyperparameter tuning to optimize model performance, achieved 91% accuracy.
- Skills: Python, Streamlit, Machine Learning, Linear Regression, Decision Trees, Random Forest, Hyperparameter Tuning, Data Analysis, Predictive Modeling.

Visitor Management System (Java, MySQL) GitHub
- Java-based visitor tracking system using Swing and AWT for an intuitive GUI experience.
- Implemented QR code-based visitor check-in/check-out with ZXing library for seamless tracking.
- Integrated webcam-based QR scanning to automate attendance marking with real-time timestamp logging.
- Utilized MySQL as a backend for secure storage of visitor details and visit records.
- Skills: Core Java, Swing, AWT, MySQL, QR Code Scanning, Database Management, Software Development.

Achievements

Solved 250+ coding problems across various platforms including LeetCode, GeeksforGeeks, HackerRank.

Participated in more than 10 coding contests with a LeetCode rating of 1775+, ranking in the top 10% worldwide.

Awarded AWHO Scholarships multiple times for academic excellence, totaling 1 lakh rupees.