# Priyanshu Kumar Ojha

- Software Engineer

 LinkedIn  </> LeetCode  🌐 Portfolio  ✉ priyanshuojha485@gmail.com  📱 +91 9041989443  📍 Noida

## 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

**Real-Time Chat Application (Kotlin, Firebase, MVVM)**          GitHub
- Developed a scalable Android chat application using Kotlin, Jetpack Compose, and MVVM architecture
- Implemented Firebase Authentication and Firestore Database achieving 99.5% uptime and reducing data fetching latency by 35%
- Optimized UI responsiveness by 40% through Kotlin Coroutines for asynchronous operations
- Skills: Kotlin, Jetpack Compose, MVVM Architecture, Firebase (Auth, Firestore), Coroutines, Material Design

**Hate Speech Recognition System (AIML, AWS)**                  Website | GitHub
- Engineered a BiLSTM neural network model using TensorFlow/Keras achieving 83% accuracy across 6 toxicity categories
- Deployed serverless ML pipeline on AWS (SageMaker, Lambda, API Gateway, S3) handling 1000+ monthly active users with less than 500ms latency
- Optimized cloud infrastructure costs by 40% through serverless architecture while maintaining 99.9% system availability
- Skills: Python, BiLSTM Neural Networks, AWS (SageMaker, Lambda, API Gateway, S3), NLP

**Visitor Management System (Java, MySQL, QR Technology)**       GitHub
- Engineered a Java-based visitor tracking application using Swing/AWT that reduced check-in time by 75%
- Integrated ZXing library for QR code generation and scanning, improving visitor processing speed by 3x compared to manual methods
- Designed normalized MySQL database schema achieving 99.9% data integrity
- Skills: Java, Swing/AWT, MySQL, ZXing QR Library, Object-Oriented Programming, Camera Integration

## 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.