

# MOHAMMAD AMAN KHAN

Amroha, U.P

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## Summary

- Aspiring Full Stack Developer with hands-on experience in developing end-to-end web applications using **Full stack Technologies**. Skilled in building scalable backend systems and responsive frontend interfaces. Passionate about continuous learning and delivering impactful software solutions.

## TECHNICAL SKILLS AND INTERESTS

- Languages:** Java, C, C++, Python, JavaScript, Kotlin, SQL, HTML, CSS
- Web Development:** Node.js, Express.js, APIs
- Development & Design Tools:** VS Code, Android Studio, IntelliJ IDEA Ultimate, Git, GitHub
- Cloud/Databases:** MongoDB, MySQL
- Relevant Coursework:** Data Structures & Algorithms, Operating Systems, OOPS, DBMS, Computer Networks
- Technologies/Frameworks:** Linux, ReactJS, NextJS, NodeJS, ExpressJS, MongoDB, RoomDB, XML, Jetpack Compose, Dagger Hilt, UI, BLE, Bluetooth Classic

## PROJECTS

### Music Recommendation System using Face Recognition [🔗](#) | Python, OpenCV, ML, Tkinter **Feb 2025**

- Developed a desktop-based application that detects user emotion using face recognition and recommends songs accordingly.
- Used OpenCV for real-time facial expression detection and trained a machine learning model using FER2013 dataset.
- Integrated a music playlist system categorized by mood (happy, sad, neutral) and built GUI using Tkinter.

### BlueMark – Attendance App [🔗](#) | Kotlin, Java, RoomDB, Bluetooth Classic **March 2025**

- Developed a teacher-centric Android attendance app using Kotlin and MVVM architecture, implementing Jetpack Compose UI for a scalable and modern user interface
- Built a Bluetooth Classic-based proximity detection system using Android Bluetooth API and BroadcastReceiver for real-time device discovery and automated attendance marking
- Integrated Room Database for offline storage, used ViewModel and Kotlin Coroutines for state management, and applied Dagger Hilt for dependency injection to ensure clean, maintainable, and loosely coupled architecture

### YouTube Clone [🔗](#) | HTML, CSS, JS **Feb 2025**

- Developed a YouTube clone application replicating core functionalities like video play, channel subscriptions, comments, and responsive UI. [live link](#)

## INTERNSHIP

### Amroha Police Cyber Security Internship Program (APCSIP) [🔗](#) **June 2025 – June 2025**

#### *Cybersecurity Intern*

- Gained exposure to real-life cybercrime cases, digital forensics, and cyber law practices.
- Participated in CTFs, live hacking demonstrations, and ransomware/malware analysis.
- Learned cyber fraud detection, forensic tools, and cybercrime reporting protocols.

### OCTANET Services Pvt Ltd. [🔗](#) **March 2024 – April 2024**

#### *Web Development Internship*

- Developed and maintained responsive web pages using HTML, CSS, and JavaScript. Designed interactive UI components to enhance user experience.
- Optimized website performance through efficient CSS styling and JavaScript scripting.

## EDUCATION

### Maulana Azad National Urdu University **Oct 2022 – May 2026**

*Bachelor of Technology in Computer Science — CGPA: 9.12*

### Imamul Madaris Inter College **July 2020 – May 2021**

*Intermediate — Percentage: 83%*

## Achievement and Certifications

- GATE 2026 Qualified (CSE)** [🔗](#)
- Introduction to Career Skills in Software Development — LinkedIn Learning [🔗](#)
- React Bootcamp — LetsUpgrade (NSDC & ITM Edutech) [🔗](#)
- Web Development Internship Certificate — Octanet Services Pvt Ltd [🔗](#)
- Cybersecurity Internship Certificate — Amroha Police (APCSIP) [🔗](#)