Md Ayan Hashmi

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EDUCATION

Krishna Institute Of Engineering and Technology Ghaziabad, UP
B.Tech. - Computer Science - CGPA: 7.84 *Oct. 2023 – July 2027*

Park Mount Public School Patna, Bihar
Class 12th - PERCENT: 78.84 *Apr. 2022 – May 2023*

St. Karens Secondary School Patna, Bihar
Class 10th - PERCENT: 93.00 *Apr. 2020 – Mar. 2021*

EXPERIENCE

Android Developer Jun. 2025 – July 2025
Xcentic Technologies *Remote*

- Completed a 1-month Android development internship, contributing to an emergency ambulance booking application.
- Engineered a live emergency dispatch workflow with continuous location tracking and a foreground overlay system to handle incoming driver call alerts with accept and reject actions.
- Worked with Kotlin, Jetpack Compose, ViewModel, Coroutines, Firebase, Socket.IO, and REST APIs to improve emergency handling time by over 10 minutes during internal testing..

PROJECTS

MedistCallAmbulance ⬙ | *Kotlin, Firebase, Socket.IO, REST API, Overlay UI, Foreground* Jun. 2025 – July 2025

- Developed a real-time ambulance booking system with live location tracking using Socket.IO and foreground services for continuous background updates.
- Built a background overlay enabling drivers to accept or reject emergency calls in under 2 seconds, improving response efficiency by 30% across 500+ test cases.
- Implemented secure authentication, online/offline toggle, and REST-based CRUD operations, improving backend reliability by 40% and reducing average response time by 10 minutes.

E-Cell KIET App ⬀ | *Kotlin, Firebase, CameraX, REST API, QR Scanner* Jan. 2025 – Feb. 2025

- Delivered an official club event management app supporting real-time updates and announcements for college-wide technical and entrepreneurship fests.
- Designed QR-based ticket verification using CameraX and ZXing, enabling scan times under 1.5 seconds via backend API integration.
- Integrated secure authentication and real-time database sync to ensure 100% accurate entry tracking and prevent duplicate access during peak traffic.
- Collaborated in a 5-member tech team to streamline API workflows, improving ticket processing speed by 80% during live events.

CERTIFICATIONS

- **Oracle Generative AI Certification** *Oct. 2025*
- **Introduction to MongoDB (For Students) By MongoDB** *Aug. 2025*
- **McKinsey.org Forward Program** *Jul. 2025*
- **MySQL Database Administration** *Jun. 2025*

ACHIEVEMENTS

- **Smart India Hackathon (SIH)** *Dec 2025*
  Secured **8th position nationwide** in a national-level hackathon by building a hardware-based solution with sensor integration, hardware–software interfacing, and prototype testing under time constraints.
- **Published App On PlayStore** *Apr 2025*
  Official E-Cell KIET App is the official club application for the Entrepreneurship Cell, enabling real-time updates, announcements, and secure access for smooth club activities and events.

TECHNICAL SKILLS

- **Languages:** Kotlin, Java, Python, C, C++, SQL, HTML/CSS, XML
- **Frameworks & Architecture:** Android SDK, Jetpack Compose, MVVM, Firebase SDK, Spring Boot, RESTful APIs
- **Databases:** MySQL, MongoDB, Firebase Realtime Database
- **Developer Tools:** Android Studio, IntelliJ IDEA, Git, GitHub, VS Code, Postman, Figma, Clerk
- **Cloud & Platforms:** Google Cloud (Arcade Projects), Firebase Hosting
- **Computer Science Fundamentals:** Data Structures and Algorithms, Object-Oriented Programming (OOP), DBMS, Computational Logic