

# ARWAZ KHAN

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## EDUCATION

### M.Tech in Computer Science and Engineering

National Institute of Technology Delhi

Aug 2024 - May 2026

CGPA: 9.03/10.0

### B.Tech in Computer Science and Engineering

Government Engineering College, Bilaspur (C.G.)

Jul 2019 - Jun 2023

CGPA: 9.14/10.0

## PROJECTS

### EdRoom - Smart Education Companion App (Tech Stack: Kotlin, XML, Firebase) - [GitHub](#) [Download Link](#)

- Developed a digital classroom solution used by 80+ students, integrating real-time attendance, doubt resolution, and study material sharing. Reduced paperwork by 100%, and improved class engagement by 50% via instant notifications and synchronized data flow using Firebase Realtime Database.

### HostelMate - End-to-End Hostel Management App (Tech Stack: Kotlin, XML, Firebase) - [GitHub](#)

- Built a city-resource discovery app for students to find hostels and tiffin centers with reviews, pricing, and locations. Enabled crowdsourced listings, boosting onboarding efficiency by 60% for newcomers in unfamiliar cities.

### ABGEC-App - Alumni & Student Platform (Tech Stack: Kotlin, Java, Firebase) - [GitHub](#)

- Developed an official mobile app supporting 200+ alumni and students with event updates and centralized info access. Led full-cycle development, boosting alumni-student engagement by 60%.

### SocialApp - Lightweight Social Media App (Tech Stack: Kotlin, Firebase, MVVM) - [GitHub](#)

- Implemented features like posting, likes, comments, and profile management using MVVM and Firestore. Achieved real-time data updates and responsive UI by integrating LiveData, RecyclerView, and Firebase listeners.

### FoodRunner - Restaurant Ordering App (Tech Stack: Kotlin, Volley, SQLite) - [GitHub](#)

- Designed a fast, responsive food delivery app with cart, favorites, and history tracking. Increased offline reliability by 90% using SQLite and reduced API latency with Volley.

## INTERNSHIPS

### ABGEC - Website (Tech Stack: HTML, CSS, Bootstrap, JavaScript, AppScript, PageClip) - [GitHub](#) <https://abgec.in>

- Designed and built a centralized alumni networking portal, now hosting 200+ registered alumni.
- Led a 10-member development team, collaborated with core stakeholders, improved website load speed by 30% using lazy loading, and optimized frontend and backend.

### TRPWS - Website (Tech Stack: HTML, CSS, Bootstrap, JavaScript) - [GitHub](#)

- Enhanced front-end UI, managed repository, and collaborated to improve design efficiency.

## TECHNICAL SKILLS

Programming:	C, C++, Kotlin, Python, JavaScript, NodeJs
Mobile Development:	Android (Kotlin/XML), Firebase, Jetpack Components
Web Development:	HTML, CSS, Bootstrap, ExpressJs, Flask, jQuery, AppScript
Databases:	Firebase, MongoDB, MySQL
Tools & Framework:	Android Studio, Git, Postman, Figma
Others:	Data Structures & Algorithms, REST APIs, IoT, XML, JSON, MVVM

**SOFT SKILLS:** Time Management, Teamwork, Problem Solving, Leadership, Analytical Thinking, Adaptability, Communication

## ADDITIONAL INFORMATIONS

- Published a **Research Paper** on "AN ANDROID BASED FOOD AND RESIDENTIAL SERVICE PROVIDING SYSTEM" in 2022 International Journal of Innovative Research in Computer and Communication Engineering. **Certificate Link:** [Click here](#)
- Certificates:** Android Development(Jetpack Compose), Full Stack Development (EICT IIT Kanpur), [More Certificates](#)
- Responsibilities:** T&P CSIT Sector Head and Coordinator @ NIT Delhi, Technical Lead @ GDSC GECEB (2021-22)
- Achievements:** Gate Qualified (2023, 2024), 5 Star Badge at HackerRank, 3 Star at Codechef