

Atul Gadkoti

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Education

Bachelor of Technology in Computer Science and Design Engineering, <i>Rajiv Gandhi Institute of Petroleum Technology</i>	2024 – 2028 Jais, India
Senior Secondary Education in Science, <i>Gayatri VidyaPeeth Shantikunj</i>	2021 – 2023 Haridwar, India

Skills

Programming Languages

Kotlin, C, C++

Frameworks & Libraries

Jetpack Compose, Retrofit, Room DB, TensorFlow Lite

Tools & Platforms

Android Studio, Git, GitHub, SQLite

Projects

Sanraksha - AI-Powered Maternal Health Monitoring App

- Developed an Android app using Kotlin and Jetpack Compose for ASHA workers to monitor pregnancy health in rural areas.
- Integrated a TensorFlow Lite ML model to predict pregnancy risk levels (low/high) based on entered health data.
- Implemented offline support for remote usage; data is stored locally using Room database.

SmartShop – Location-Based Shopping Assistant App

- Developed an Android shopping app using Kotlin and Jetpack Compose that lets users manage shopping lists with location tagging.
- Integrated Google Maps SDK to allow users to select or mark the store/location they plan to buy each item from.

WishlistApp - Personal Wishlist Management App

- Developed an Android wishlist manager using Kotlin and Jetpack Compose with modern UI principles.
- Enabled users to add, edit, and delete wishlist items with details like title, description.
- Designed Compose-based UI with state management and clean navigation across Add/Edit/List screens.

Position Of Responsibilities

Executive at Code Club, <i>Science and Technology Council – RGIPT</i>	04/2025 – Present
<ul style="list-style-type: none">• Coordinated weekly coding sessions and peer learning workshops for students.• Helped organize intra-college coding contests and hackathons	

Achivements

1st Prize – Hack4Health International Hackathon (Advanced Tier)

Won first place in a computer science-based global health hackathon by building an innovative tech solution addressing healthcare challenges (SanRaksha).

MCM Scholarship (Merit-Cum-Means)

Awarded a government-funded scholarship for academic excellence and financial need, recognizing consistent high performance in engineering coursework.