Atul Gadkoti

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Education

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

Position Of Responsibilities

| 04/2025 – present | **Science and Technology Council – RGIPT** |
| | *Executive at Code Club* |

- Coordinated weekly coding sessions and peer learning workshops for students.
- Helped organize intra-college coding contests and hackathons

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.