

Raman Mann

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Education

Maharishi Markandeshwar Deemed to be University

Aug. 2023 – May 2026

Bachelor of Computer Applications – Data Science

Mullana(Ambala), India

Relevant Coursework

- Data Structures
- Algorithms
- System Design
- Networking
- Software Methodology
- Database Management
- Internet Technology
- Computer Architecture

Projects

University Android Application | *Kotlin, Jetpack Compose, MVVM, FastAPI*

- Developed a university Android app using Kotlin with **Jetpack Compose** and **MVVM** architecture.
- Integrated RESTful API calls to fetch and display real-time data from a FastAPI server.

Multi Productivity Application | *JavaFX, MySQL, Java Sockets, Python*

- Designed a productivity desktop app with features like screen time tracking, to-do manager, and schedule planner.
- Integrated automatic assignment due date reminders by scanning PDFs with Python and extracting information.
- Implemented chat app integration, password manager (Argon2 encryption), leaderboard system, and basic notes app.

Python CLI Chat Application | *Python, Flask*

- Built a command-line chat application with user login, registration, and file upload functionality using sockets.

Resurrection | *HTML, Tailwind CSS, JavaScript, Flask, MySQL, OpenStreetMap API*

- Users and hospitals can post blood **requirements based on urgency**.
- Integrated **user authentication** and registration for secure access.
- Added OpenStreetMap API to **display nearby hospitals**.
- Built a **Flask** backend with **MySQL** to manage donors and requests.

Technical Skills

Languages: Kotlin, Java, Python

Developer Tools: Android Studio, IntelliJ IDEA, Google Cloud Platform, Firebase, Git/GitHub

Technologies/Frameworks: FastAPI, Jetpack Compose, Retrofit, Room Database, Hilt, MySQL

Leadership

TechnoGrade

Feb 2025 – Present

President

MMDU Mullana

- Leading a **technical coding club** with **30+ members**.
- Managing **projects, planning, and development**.
- Organizing **coding competitions, hackathons, and workshops**.