

AYUSH THAKUR

Bengaluru, Karnataka, IN

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EDUCATION

Sir M. Visvesvaraya Institute Of Technology

2023 - 2027

B.E. - Electronics and Communication Engineering - CGPA - 8.2

Bengaluru, Karnataka

Roseland International School

2020 - 2021

12th Grade - Percentage - 95.17

Rewari, Haryana

Roseland International School

2018 - 2019

10th Grade - Percentage - 93.40

Rewari, Haryana

TECHNICAL SKILLS

Languages: Python, C, C++, Kotlin, MATLAB

Technologies/Frameworks: HTML5, CSS3, Javascript

Developer Tools: VS Code, Android Studio, Canva, GitHub

Circuit Design and Simulation: NI Multisim, NI LabVIEW, Verilog, Keil Microvision

PROJECTS

Secure Authentication System - C++ | C++, File Handling, IDE - VS Code

2025

- Designed and developed a secure, terminal-based authentication system in C++ supporting user registration, login, and password updates.
- Implemented custom SHA-256 hashing for password encryption without third-party libraries.
- Used modular programming with file-based storage (CSV) to enable multi-user support.

Chat Room App - Kotlin, Firebase Realtime DB, Android Studio

2025

- Designed and built a real time chat app with user login, chat rooms, and instant message sync.
- Used Firebase Realtime Database to broadcast and update messages instantly across users.
- Created clean UI screens and implemented room based chat logic for smooth interactions.
- Managed authentication, message handling, and state flow using Kotlin.

CERTIFICATIONS

Career Essentials in Business Analysis by Microsoft and LinkedIn

- Learned requirements gathering, process mapping, and stakeholder communication.
- Completed case-based exercises to design and analyze business solutions.

Tata GenAI Powered Data Analytics Job Simulation by Forage

- Applied GenAI tools to process and visualize large datasets for actionable insights.
- Interactive dashboards and reports were created to support data-driven decision-making.

EXTRACURRICULAR

E-Cell SMVIT : Corporate Relations Co-Head

Organized and promoted entrepreneurship events on campus.

2025 - Present

NSS Unit (SMVIT - Member)

Contributed to community service initiatives.

2024 - Present