

# AYUSH THAKUR

Bengaluru, Karnataka, IN

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LinkedIn

Github

## EDUCATION

### Sir M. Visvesvaraya Institute Of Technology

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

2023 - 2027

Bengaluru, Karnataka

### Roseland International School

12th Grade - **Percentage - 95.17**

2020 - 2021

Rewari, Haryana

### Roseland International School

10th Grade - **Percentage - 93.40**

2018 - 2019

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