

# 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.

## 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 : Events and Marketing Executive**

*Organized and promoted entrepreneurship events on campus.*

*2025 - Present*

**NSS Unit (SMVIT - Member)**

*Contributed to community service initiatives.*

*2024 - Present*