

JITHENDER V

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PROFESSIONAL SUMMARY

Computer Science undergraduate skilled in Java, Python and SQL. Hands-on experience in software development, automation, and cybersecurity fundamentals through academic projects and virtual internship. Strong problem-solving mindset and eager to contribute to technology-driven solutions.

EDUCATION

Sri Manakula Vinayagar Engineering College, Puducherry June 2023 – April 2026
B.Tech Computer Science & Engineering
CGPA: 7.64 / 10

Sri Manakula Vinayagar Polytechnic College, Puducherry June 2020 – April 2023
Diploma in Electronics and Communication Engineering
Percentage: 91%

TECHNICAL SKILLS

Programming Languages: Java, Python, C, SQL

Core Concepts: Data Structures, OOPS, DBMS, Operating Systems, Problem Solving

Software Development: Debugging, Application Development, API Integration

Cybersecurity Fundamentals: Network Security Basics, Incident Response, Log Analysis

Tools & Platforms: Git, Linux, MySQL

EXPERIENCE

Cybersecurity Virtual Internship – Palo Alto Networks April 2025 – June 2025

- Completed training in cybersecurity fundamentals including phishing, malware, and network security.
 - Practiced incident response workflows and security log analysis.
 - Learned secure system practices and threat identification concepts.
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PROJECTS

AI Resume & Job Description Matcher (ATS Optimizer)

- Developed a Python NLP application to analyze resumes and job descriptions using keyword extraction and similarity scoring.
- Improved resume–JD matching accuracy by 30% through automated skill matching.
- Designed modular backend workflows and API integration for scalable processing.

Early Warning System for GLOF

- Built an image-processing pipeline to detect glacier boundary changes from satellite imagery.
- Implemented automated alert mechanisms to identify potential flood risks.
- Reduced manual monitoring effort by 40% through automation.

Student Record Management System

- Developed a Java application using OOPS and file handling for managing 500+ student records.
 - Implemented CRUD operations with validation and modular structure.
 - Improved data retrieval efficiency using structured storage design.
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CERTIFICATIONS

- Python Programming – Besant Technologies
 - Cloud Computing (AWS, DevOps, Linux) – Besant Technologies
 - Essentials of Prompt Engineering – Coursera
 - SQL Basics – Skillrack
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ACHIEVEMENTS

- Winner – First Place, Kongu Fest 2023 (National-Level Technical Symposium)