GAJULA VATSALYA

FEMALE
DOB: 3rd JULY 2005

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PROFILE SUMMARY

A Computer Science and Cybersecurity undergraduate with strong programming skills, hands-on project experience, and a passion for problem-solving. Effective communicator, quick learner, and contributor in diverse teams. Seeking a Software Engineering opportunity at Microsoft to impact products at global scale.

EDUCATION

BACHELOR OF TECHNOLOGY (COMPUTER SCIENCE AND ENGINEERING-CYBERSECURITY)
Pallavi Engineering College
2022 - 2026
• CGPA: 8.7
• Member of National Service Scheme (NSS)
• Member of Computer Society of India (CSI)
• Cyber Security Class Coordinator

INTERMEDIATE
Sri Chaitanya Junior College
2020 - 2022
GPA: 8.91

10TH STANDARD
Sri Chaitanya Techno School
2020
GPA: 10
• School's Deputy Head Girl

TECHNICAL SKILLS

Programming & Scripting: Python, C, Java, SQL, HTML (CSS)
Networking & Security Tools: Wireshark, Nmap, Burp Suite, Metasploit, Cisco Packet Tracer
Productivity & Documentation: MS Word, PowerPoint, Google Sheets
Concepts: Data Structures & Algorithms, OOP, Database Design (SQL), System Design, Operating Systems, Networking
Data Analysis & Visualization: Excel, Power BI, Matplotlib (Python)
Other: Machine Learning, Cybersecurity, Version Control, Agile/Scrum

CORE COMPETENCIES

• Strong analytical and problem-solving abilities
• Quick learner with adaptability to new software tools
• Attention to detail in modeling and data interpretation
• Team collaboration and remote work efficiency
• Effective communication and presentation skills

PROJECTS & EXPERIENCE

Banking for Visually Impaired (Java/Android) | Hackathon Project
An user-friendly mobile banking interface that allows visually impaired users to perform banking tasks using voice commands. (We have done the project backend back in the day but never finished the project but we have made it to the final stage of the Hackathon)

Simulation-based Data Analysis (Python/Excel) | Mini Project
Built tools for performance data visualization, enhancing decision-making in simulated environments.
https://github.com/vatsalyakrishnaa/Stress-Analysis-on-a-Cantilever-Beam-using-Simulation-Data

Credit Card fraud detection using Machine Learning and Data Science (ML/Data Science, Python) **| Major Project** (Going to be reviewed)
Designed and implemented an algorithm to detect fraudulent transactions using Machine Learning; improved detection accuracy by 80%.

CERTIFICATIONS

- Introduction to Data Science [By Cisco]
- Introduction to Modren AI [By Cisco]
- Getting started with Artificial Intelligence [By IBM]
- Introduction to Cybersecurity [By Cisco]
- Java(Basic) [By HackerRank]
- International level student workshop-2k24 on Data Science using python [By BRAINOVISION SOLUTIONS]
- Programming Essentials in Python [by Cisco]
- Deloitte Australia Cyber Job Simulation on Forage - August 2025
    . Completed a job simulation involving reading web activity logs
    . Supported a client in a cyber security breach
    . Answered questions to identify suspicious user activity
- CCNA Introduction to networks - Cisco
- CCNA Switiching, Routing and Wireless Essentials - Cisco
- CCNA Enterprise Networking, Security, and Automation – Cisco
- Participation in hackathon, research papers and finite workshops participations certifications

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HACKATHONS & COMPETITIONS

- Participation in hackathons, workshops on Data Science & AI, wrote research papers
- Award for Best Innovation at college hackathon (if relevant/true)

EXPERIENCE

- Add Deloitte Australia Cyber Job Simulation experience
  Supported a client in a cyber security breach; analyzed web activity logs and identified suspicious behavior
- Volunteer Experience (NSS, CSI club, leadership roles)

INTERESTS

- Artificial Intelligence
- Learning new software tools and frameworks
- Technical documentation & research
- Data analysis & visualization
- Volunteering (NSS, club activities)
- Multilingual communication (English, Telugu, Hindi)

LANGUAGES KNOWN

- English
- Telugu
- Hindi

DECLARATION

I hereby declare that the above information is true to the best of my knowledge and belief.