





Vedic Varma

 LinkedIn |  vedicvarma.com |  GitHub |  CodeChef

Education

Manipal University Jaipur , B.Tech in Computer Science	2022 – 2026
CGPA: 8.82 (9.55 Highest)	
Sanskriti School , New Delhi – PCM + Computing in Python	2022
Score: 84%	

Work Experience

Systems Engineer & Backend Developer , ASR Aviations – Jaipur	March 2025 – Current
<ul style="list-style-type: none">Created a mailing system using POP3 and SMTP with the custom domain @asraviation.com.Set up a reverse proxy and SSL authentication using Nginx on Ubuntu, hosted on KVM-2 in Hostinger.	
Backend & DevOps Engineer , Software Development Center – Jaipur	Aug 2024 – Current
<ul style="list-style-type: none">Developed a full-stack Wall-of-Fame portal with Next.js (frontend & backend) and MongoDB, hosted on Vercel.	
Research Intern , DRDO, GTRE, Advanced Software Engineering Lab – Bangalore	May 2024 – July 2024
<ul style="list-style-type: none">Conducted research and optimized software for advanced gas turbine engine technologiesEngineered an optimized square root algorithm, slated for publication as a research paper	
Full Stack Development Engineer , Skello – New Delhi	May 2023 – July 2023
<ul style="list-style-type: none">Developed a backend solution and a generative AI wrapper to streamline administrative tasks	

Projects

Dell Hackathon: Smart Navigator React-Native	Oct 2023 – Jan 2024
<ul style="list-style-type: none">Led the frontend development for the Smart Navigator project in the Dell HackathonWon First Place among 20 teams in the 3-month hackathon. Check out the project on LinkedIn	
Health Dome Python-Flask, React, Docker, IoT	July 2024 – Oct 2024
<ul style="list-style-type: none">Participated in Smart India Hackathon 2024, from 250 regional teams, ours was among the top 3.Led backend, DevOps, and IoT development to streamline outpatient department processes. See the post hereIdeated an innovative, patent-pending queuing model for efficient hospital bed assignment	
Discord Bot: Stella Python, Discord.py	Oct 2021 – Present
<ul style="list-style-type: none">Created and maintained a Discord bot (Stella) for international use with payment integration	
Pathfinding Visualizer Python, matplotlib	May 2024 – June 2024
<ul style="list-style-type: none">Designed a pathfinding visualizer to support research in machine learning-based algorithms. Check it out here	

Achievements

• GATE CS '25 - IITR AIR 1,852 - Top 1%	2025
• Topper Certificate: Design and Analysis of Algorithms - IITM Top 2%	2024
• Secured 1st place in the on-campus Dell Hackathon	2024
• Recognized on the Dean's List with the highest GPA in the 2nd & 5th semester	2023 & 2024
• Achieved 67th rank in the International English Olympiad	2019
• Runner Up in TCS IT Whiz, winner of Tablet and Trophy	2017

Skills & Technologies

Programming Languages & Frameworks: Python - Tkinter, Matplotlib, C - OS, JavaScript - Backend & Frontend, Bash, Java
Tools & Libraries: Flask, React, React Native, Win32API, Git, Linux, Docker, SQL, Data Modelling
Interests: Data Science, Data Structures & Algorithms, SOLID Principles, DevOps, Generative AI, Applications Programming

Positions of Responsibility

Head of Finance , Randomize, CSE Club of MUJ	2022 – 2024
<ul style="list-style-type: none">Managed financial planning and budget oversight for various events, ensuring transparent financial reports for club operations.	

Certifications

• Gate Qualified in Computer Science - IIT Roorkee	• Design And Analysis of Algorithms - IITM, TOP 2%
• IBM Data Science Professional Certificate	• Full Stack Development - Geeks for Geeks
• Google Cloud Computing Foundations	• Data Analysis with MATLAB - Vanderbilt