Vedic Varma

B.Tech in Computer Science
Manipal University Jaipur

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Course	College/University	Year	CGPA/%
BTech in Computer Science	Manipal University Jaipur	2022-2026	8.82(9.55 Highest)
PCM + Computing in Python	Sanskriti School, New Delhi	2022	84

INTRODUCTION

Aspiring Computer Science professional with a robust academic foundation and hands-on experience in full-stack development, algorithm research, and AI-driven solutions. Eager to develop experience by moving into large-scale companies and working with a team.

ACHIEVEMENTS

- Secured 1st place in the Dell Hackathon [2024]
- Recognized on the Dean's List with the highest GPA in the 2nd & 5th semester [2023 & 2025]
- Achieved 67th rank in the International English Olympiad [2019]
- Runner Up in TCS IT Whiz, winner of Tablet and Trophy. [2017]

WORK EXPERIENCE

- **Backend & Devops Engineer | Software Development Center, Jaipur** [Aug 2024 - Current]
  - Developed a dynamic Wall of Fame project to showcase achievements and contributions of students efficiently.
- **Research Intern | DRDO, GTRE, Advanced Software Engineering Lab, Bangalore** [May 2024 - July 2024]
  - Conducted research and optimized software for advanced gas turbine engine technologies.
  - Engineered an optimized square root algorithm, slated for publication as a research paper.
- **Full Stack Development Engineer | Skello, New Delhi** [May 2023 - July 2023]
  - Developed a backend solution and a generative AI wrapper to streamline administrative tasks.

SKILLS & INTERESTS

- **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

PROJECTS

- **Dell Hackathon: Smart Navigator | React-Native** [Oct 2023 - Jan 2024]
  - Led the frontend development for the Smart Navigator project in the Dell Hackathon.
  - Won First Place among 20 teams in the 3-month hackathon. Check out the project on LinkedIn
- **Placement Management System | React, Bare JavaScript** [Feb 2024 - April 2024]
  - Created two versions of a Placement Management System to delve into React's core functionalities.
- **Discord Bot: Stella | Python, Discord.py** [Oct 2021 - Present]
  - Created and maintained a Discord bot (Stella) for international use with payment as an extension for torn.com.
- **Pathfinding Visualizer | Python, Matplotlib** [May 2024 - June 2024]
  - Designed a pathfinding visualizer to support research in machine learning-based algorithms. Check it out here
- **Health Dome | Python-Flask, Python-SQL, React, Dockerization, IOT with PI pico** [July 2024 - Oct 2024]
  - Done for the Smart India Hackathon 2024, from 250 regional teams, ours was the among the top 3. See the post here
  - Led backend, DevOps, and IoT development to streamline outpatient department processes in hospitals.
  - Developed an innovative, patent-pending queuing model for efficient hospital bed assignment.

POSITIONS OF RESPONSIBILITY

- **Head of Finance | Randomize, CSE Club of MUJ** [2022 - 2024]
  - Managed financial planning and budget oversight for various events.
  - Ensured transparent financial reports for club operations.
- **Head of Sponsorships | Insell, Directorate of International Collaborations** [2023 - 2024]
  - Secured sponsorships and funding for international student programs.
  - Built relationships with corporate and academic sponsors.

CERTIFICATIONS

- IBM Data Science Specialization - 10 Course Professional Certificate
- Google Cloud Computing Foundations with GenAI - 8 Courses
- Introduction to Logic for Computer Science - University of Leeds
- Full Stack Development with Geeks for Geeks - 10 Weeks
- Data, Signal, and Image Analysis with MATLAB - Vanderbilt University
- Design and Analysis of Algorithms - IITM - 8 Week Course - TOP 2%