



**Vedic Varma**

**B.Tech in Computer Science**

Manipal University Jaipur

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in [Vedic Varma](#)

🔗 [crazy-vedic](#)

Course	College/University	Year	CGPA/%
BTech in Computer Science	Manipal University Jaipur	2022-2026	8.64
PCM + Computing in Python	Sanskriti School, New Delhi	2022	93

#### ACHIEVEMENTS

- Achieved 67th rank in the International English Olympiad [2019]
- Recognized on the Dean's List with the highest GPA in the second semester [2022]
- Secured 1st place in the Dell Hackathon [2024]

#### WORK EXPERIENCE

- **Full Stack Development Engineer | Skello, New Delhi** [May 2023 - July 2023]
  - Developed a backend solution and a generative AI wrapper to streamline administrative tasks.
- **Freelance Full Stack Web Developer** [June 2023 – Current]
  - Designed and developed MERN-based web solutions for businesses and landing pages for startups.
- **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.

#### SKILLS & INTERESTS

- **Programming Languages:** Python, C, JavaScript, Bash, Java
- **Tools & Libraries:** Flask, React, React Native, Win32API, Git, Linux, Docker
- **Interests:** Data Science, Algorithms, FullStack Development, DevOps, Genetic Algorithms

#### 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 on 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** [May 2024 - June 2024]
  - Done for the Smart India Hackathon 2024, from 250 regional teams, ours was the among the top 3.
  - 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** [Ongoing]
  - Secured sponsorships and funding for international student programs.
  - Built relationships with corporate and academic sponsors.

#### CERTIFICATIONS

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

#### PUBLICATIONS

- Research Paper: Algorithm for Estimation of N-th Root (Work In Progress)
- Research Paper: Advanced Selection Sort Algorithm (Work In Progress)
- Research Paper: Neural Network based Pathfinding Algorithm (Work In Progress)
- Research Paper: Optimized Job Scheduling with Deadlines Algorithm (Work In Progress)