




# Vedic Varma

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## Education

<b>Manipal University Jaipur</b> , B.Tech in Computer Science CGPA: 8.82	2022 – 2026
<b>IISC Bangalore</b> , Computer Science and Automation Summer School on Approximation Algorithms	2025
<b>Sanskriti School, New Delhi</b>	2022

## Work Experience

<b>Software Development Intern</b> , Razorpay – Bangalore • Engineered and shipped full-stack features across 15+ microservices at Razorpay — including a self-serve risk alert platform, a TiDB+DataLake payment lookup migration, and E2E test infrastructure built from zero — delivering 500+ contributions over 10 months.	Aug 2025 – Jun 2026
<b>Backend &amp; Touchpoint Engineering Intern</b> , Referrush – Bangalore • Built scalable messaging infra (50+ brands, 1M+ daily messages) using Cloud API for whatsapp, SMTP for email & SMS using Firebase Functions; automated campaign dispatch, abandoned cart pings, and dynamic follow-up cadences.	Jul 2025 – Sep 2025
<b>Backend &amp; Systems Intern</b> , ASR Aviations – Jaipur • Deployed a secure POP3/SMTP mail system (10K+ daily emails) with SSL & reverse proxy with the custom domain: <a href="mailto:@asraviation.com">@asraviation.com</a> ; set up a reverse proxy and SSL authentication using <b>Nginx</b> on <b>Ubuntu</b> , hosted on <b>KVM-2</b> in Hostinger.	Mar 2025 – Jul 2025
<b>Backend &amp; DevOps Intern</b> , Software Development Center – Jaipur • Developed a full-stack Wall-of-Fame portal with <b>Next.js</b> (frontend & backend) and <b>MongoDB</b> , hosted on <b>Vercel</b> .	Aug 2024 – Jan 2025
<b>Research Intern</b> , DRDO, GTRE, Advanced Software Engineering Lab – Bangalore • Conducted research and engineered an optimized square root algorithm, slated for publication as a research paper	May 2024 – Jul 2024
<b>Full Stack Development Intern</b> , Skello – New Delhi • Developed a backend solution and a generative AI wrapper to streamline administrative tasks	May 2023 – Jul 2023

## Projects

<b>Quark</b>   Go, Bubbletea, Cobra, SQLite • Built and open-sourced a local-first, keyboard-driven HTTP client (Postman alternative) with a terminal TUI and scriptable CLI; data stays on-device in SQLite with cURL/Postman import — see repo <a href="#">here</a> (To be made public)	Jun 2026 – Present
<b>Discord Bot: Stella</b>   Python, Discord.py • Created and maintained a Discord bot (Stella) for international use with payment integration	Oct 2021 – Present
<b>Health Dome</b>   Python-Flask, React, Docker, IoT • Among the top 3 teams out of 250 in Smart India Hackathon 2024; led backend, DevOps, and IoT development to streamline OPD processes, and ideated a patent-pending hospital bed queuing model — see post <a href="#">here</a> .	Jul 2024 – Oct 2024
<b>Pathfinding Visualizer</b>   Python, matplotlib • Designed a pathfinding visualizer to support research in machine learning-based algorithms. Check it out <a href="#">here</a>	May 2024 – Jun 2024
<b>Dell Hackathon: Smart Navigator</b>   React-Native • Led frontend development for the Smart Navigator project in the 3-month Dell Hackathon; won 1st place among 20 teams — see the post <a href="#">here</a>	Oct 2023 – Jan 2024

## 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 for the highest GPA in the 2nd & 5th semester	2023 & 2024

## Skills & Technologies

**Programming Languages & Frameworks:** Python, Go, JavaScript (React Native, Next.js), C, Bash, Java  
**Tools & Technologies:** Firebase Functions, Docker, Git, Linux (Wayland), MongoDB, SQL, Redis, REST/grpc/graphql APIs, Nginx, Terraform Kong, TUI/CLI tools creation and usage, Kubernetes  
**DevOps & Infrastructure:** Vercel, Hostinger (KVM), SMTP/POP3, Reverse Proxy, SSL, Cloud Messaging APIs (SMS & WhatsApp BSP)

## Certifications

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