

Rishit Shivam

☎ +91 8840346923 | ✉ rishitshivam@gmail.com | [in rishitshivam](#) | [pokymono](#)

Education

Vellore Institute of Technology, Vellore
Bachelor of Technology - Computer Science and Engineering

Graduation: Jul 2027
CGPA: 8.84

Technical Skills

Languages: Python, C, C++, Java, TypeScript, SQL
Technologies: ReactJS, NextJS, Go-Fiber, Docker, PyTorch
Skillset: Data Structures, Algorithms, Object Oriented Programming, Database Systems

Work Experience

Data Science Intern

Mobisy Technologies Pvt. Ltd.

May 2025 - Jul 2025

- Engineered an **agentic DSL parser** integrated with an MCP server, which enabled customizable tools and automated report generation increasing user-friendly efficiency by 40% within analytical dashboards.
- Prepared a search engine for zero-shot tagging using OpenAI's CLIP embeddings; evaluated object detectors and training a **ResNet101** model for real time classification of kirana stores.

Project Experience

MARINE | *Python, FastAPI, Next.js, GO-lang, Docker*

Feb 2025

- Defined a scalable SaaS-based distributed architecture for video piracy detection that supports 500+ concurrent streams and reduced detection latency by 70%.
- Constructed a video analysis system using keyframe extraction techniques that enabled the identification of 500+ distinct video elements, improving content categorization accuracy company-wide by 60%.
- Orchestrated a dual-pipeline storage system with Kafka & Docker for real-time video matching, processing about 1000 fps with 90% accuracy.

Enrollments Website | *Next.js, TailwindCSS, Prisma, CockroachDB, Firebase*

Dec 2024 – Feb 2025

- Architected an OS-based recruitment platform for 1,000+ users, streamlining form submissions, meeting scheduling, and real-time status tracking to reduce processing time by 50%.
- Cloned Reddit and Discord, replicating core functionalities and user interactions.
- Implemented backend logic to automatically save user data and fetch content dynamically based on client requests.

Cadmi AI | *Python, Selenium, BeautifulSoup, Figma*

Oct 2024 – Nov 2024

- Created an AI model to predict university admissions based on cutoff analysis.
- Implemented auto-scraping using Selenium and BeautifulSoup for DU cutoffs and developed classification models using Scikit-learn for admission trend analysis.

Extra Curricular

Senior Core - Association for Computing Machinery - VIT

- Took **leadership** roles, crafted Cryptic Hunt questions for an event with 800+ contestants, boosting engagement by 20%
- Orchestrated Reverse Coding at VIT, a flagship coding contest celebrated for its innovative challenges and vibrant community engagement.
- Served as a **speaker** and **organizer** at Codex Cryptum, a cryptography bootcamp.

Track Winner, DevSOC

Won the Digital Security track at DevSOC '25 organised by "Google Developers Student Club" out of a **pool of 200+ students** for the Project MARINE.

Best Freshers, Reverse Coding

Best Freshers Team in Reverse Coding at VIT, Vellore.

Open Source Contributor

Contributed to several open-source projects during Hacktoberfest 2024 and participated in Global Hack Week by MLH.