

# Samrath Reddy

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[Github](#) — [Leetcode](#) — [HackerRank](#)

## EDUCATION

### CVR College Of Engineering

2021 – 2025

*Bachelor of Technology, Computer Science and Engineering*

## TECHNICAL SKILLS

**Programming Languages:** Java, Python, JavaScript, TypeScript, C

**Databases:** MySQL, MongoDB

**Frameworks and Tools:** NodeJS, ExpressJS, ReactJS, NextJS, REST

**Developer Tools:** Git, Postman, Visual Studio

**Cloud Platforms:** Amazon Web Services (AWS), Vercel, Google Cloud Platform (GCP)

**Relevant Coursework:** Algorithms, Data Structures, Object-Oriented Programming, Operating Systems, Software Engineering

**Soft Skills:** Collaboration, Problem solving, Adaptability, Leadership, Communication

## EXPERIENCE

### Pulse - Agentic AI Platform (Early Startup)

Jan 2025 - Feb 2025

*SDE Intern - R&D*

*HYD, IN*

- Developed a PRD analysis markdown section leveraging streaming artifacts using ticket data, fully integrated with OpenAI
- Implemented an activity log to track and detect changes efficiently.
- Designed an authorization controller to enforce access control at specific endpoints.
- Applied clustering techniques with machine learning models and large language models (LLMs) to categorize ticket tags.

## PROJECTS

### Unipay - University Fee Payment Platform

*ExpressJS, MongoDB, NodeJS, ReactJS, DiscordAPI*

- Engineered a user-friendly university fee payment system incorporating JWT authorization and session management, streamlining the payment process and minimizing user interactions.
- Integrated Razorpay Payment Gateway APIs for seamless transactions.
- Automated transaction alerts through a Discord bot and email notifications, boosting user engagement.
- Automated transaction reports in Excel, reducing manual effort.

### FindMart - Best Live Discount Deals

*ExpressJS, MongoDB, NodeJS, ReactJS, Python, TelegramAPI*

- Developed a store-based website for showcasing reliable discount products, enabling users to easily find and compare deals.
- Analyzed 250 messages daily from various discount sources to extract unique product shopping links.
- Utilized a price tracker API to analyze price history and verify current product details, ensuring valid price drops for purchase with an accuracy rate of 60%.

**Other Projects:** Day Code, Xoerox AI, Email Domain Checker

## VOLUNTEERING EXPERIENCE

### CYBERNAUTS Student Club CVRCE

Oct. 2023 – Present

*Vice Chairperson*

- Led the planning and execution of five workshops and three tech events, engaging over 300 students; created promotional materials that increased event visibility, resulting in a 50% increase in attendance compared to previous events.

### Google Developer Student Club CVRCE

Aug. 2023 – Oct. 2024

*Cybersecurity Lead*

- Spearheaded GDSC's cybersecurity initiatives, orchestrating a hackathon with 100+ participants and certifying 150+ in key skills through the Google Cybersecurity Jam Program

## CERTIFICATIONS/COURSES

- Front End Web Development - **Meta (Coursera)**
- CyberSecurity Specialization - **Google (Coursera)**
- Node JS Course – **Scalar**

## ACHIEVEMENTS

- Claimed **1st place** in the prestigious CODE Meet organized by **ISTE CVRCE**, demonstrating top-tier coding proficiency.
- Reached the **finalist** status in Winter Coding Contest 3.0 by **ACM VNRVJIET**, by solving intricate coding problems under time constraints
- Attained **3rd place** in the challenging Quiz Cross event conducted by **IEEE CVRCE**, reflecting broad technical knowledge.