

# NAVYA SREE ANNEM

Aspiring Software Development Engineer | DSA & Full-Stack Web Development | Passionate about building high-impact products

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## OBJECTIVE

Passionate Computer Science student aiming to solve real-world problems through scalable, high-performance software. Skilled in full-stack development, DSA, and system design, with hands-on experience building impactful digital products. Seeking to contribute technical excellence and creativity to innovative, product-driven teams.

## EXPERIENCE

### GenAI Intern — GenAI Lakes

Apr 2025 – Jul 2025

- Engineered an AI-powered Employee Management System integrating GenAI and PostgreSQL, automating attendance and payroll workflows and improving HR operational efficiency.
- Built a prompt-driven coding assistant in VS Code to enable real-time data querying and simplify HR data analysis.
- Designed and implemented GenAI-based automation pipelines, reducing manual tasks and accelerating HR process turnaround.
- Enhanced skills in prompt engineering, LLM integration, API design, and scalable enterprise AI solutions.

## SKILLS

Programming Languages: Python, Java, JavaScript (ES6), SQL, C (basic)

Web & Frameworks: HTML5, CSS3, React.js, Node.js, Express.js, Django

Databases: PostgreSQL, MongoDB, MySQL

Cloud & DevOps Tools: Git, Docker, AWS, Firebase, VS Code

Data & Analytics: Web Scraping, Data Cleaning, SQL Queries, Pandas, NumPy, Basic Machine Learning (Classification & Prediction)

Core CS Concepts: Data Structures & Algorithms, System Design, Object-Oriented Programming, Operating Systems, DBMS

Product & Agile: Requirements Gathering, Project Management, Agile Methodologies, Business Analysis

UI/UX & Design Tools: Figma, Canva

Soft Skills: Problem Solving, Strong Communication, Team Collaboration, Quick Learning, Leadership

## EDUCATION

B.Tech in Computer Science and Data Science

2023 - Present

B.V. Raju Institute of Technology

CGPA: 8.79/10 (current)

## PROJECTS

### - Pet Adoption Website

- Developed a full-featured web platform for pet adoption, volunteering, and pet care, streamlining connections between adopters and shelters.
  - Integrated features including veterinary consultations, pet food marketplace, and comprehensive care resources to enhance user engagement.
  - Implemented a robust backend using PostgreSQL, enabling secure storage of adoption requests and pet records.
  - Designed a responsive, user-friendly front-end using HTML, CSS, and JavaScript to provide a seamless user experience across devices.
- [GitHub](<https://github.com/navyasreeannem/pets-adoption>)

### - Cryptocurrency Live Price Tracker

- Built a real-time cryptocurrency market tracker displaying live prices, market capitalization, trending coins, and top gainers/losers to enhance user decision-making.
  - Integrated third-party APIs to fetch up-to-date market data and designed dynamic front-end logic for seamless, automatic updates without page reloads.
  - Developed an intuitive, responsive UI using JavaScript, HTML, and CSS, ensuring smooth user experience across devices.
- [GitHub](<https://github.com/navyasreeannem/cryptonest>)

## POSITION OF RESPONSIBILITY

### Secretary — IEEE BVRIT (CSD Branch), 2025

- Organized technical events and workshops, fostering technical growth and peer collaboration among 100+ students.
- Coordinated cross-department activities and promoted technical learning initiatives.

## CERTIFICATIONS AND ACHIEVEMENTS

- 5-Star Coder in Problem Solving — HackerRank (<https://www.hackerrank.com/navyasreeannem33>)
- Smart Interviews — Data Structures & Algorithms Mastery(<https://smartinterviews.in/certificate/37b6ddda>)