

NAVYA SREE REDDY

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OBJECTIVE

Passionate and detail-oriented Computer Science student with strong programming skills in Python, Java, C, MySQL, and React.js. Experienced in full-stack web development and proficient in data structures and algorithms. Currently exploring Prompt Engineering to build intelligent, AI-driven solutions. Eager to solve real-world problems through software development and contribute to impactful, innovative projects.

EDUCATION

KL UNIVERSITY

BACHUPALLY, HYDERABAD

Bachelors of Technology, 8.88 CGPA

2023-2027

- **BRANCH:** CSE

- **INTERESTED FIELDS:** Artificial Intelligence and Machine Learning, Web Development, Prompt Engineering

NARAYANA JUNIOR COLLEGE

KUNTLOOR, HYDERABAD

MPC 94.8

2021-2023

THAPOVAN

MANYADUDA

SSC, 10 CGPA

2021

SKILLS

- Programming Languages: Python, C, Java, SQL, HTML, CSS, React.js.
- Data Analysis: NumPy, Pandas, Matplotlib.
- Tools and Platform: VS CODE, PowerBI, CISCO Packet Tracer, Google Collab, SpringBoot.

PROJECTS

Parkinson's Disease prediction in AI - [LINK](#)

2025

- AI is making a big impact in detecting Parkinson's disease early. By analyzing things like speech patterns, handwriting, walking movements, and brain scans, machine learning models can spot early signs of the disease. These smart systems use real patient data to improve accuracy, helping doctors diagnose Parkinson's sooner and start treatment earlier. This not only helps in monitoring the disease but also allows for more personalized care, potentially slowing its progress. Researchers are constantly working to make these AI models more precise and reliable, bringing hope for better Parkinson's management in the future.

Library -

2024

- Developed a Library Management System to streamline book inventory, user management, and issue/return operations. The system included features like book search, fine calculation, role-based access control (Admin and Student), and due-date tracking. Built using Python (or Java), MySQL, and basic web technologies, the project focused on creating a user-friendly interface and efficient backend logic to manage library workflows effectively.

Food Collector -

2025

- Designed and developed a Food Collector web application aimed at reducing food waste by connecting donors (restaurants, households) with nearby NGOs or individuals in need. The system allows users to register, post available food items, and receive real-time pickup notifications. Integrated location-based services to match donors with nearby collectors and implemented a clean, responsive user interface. Built using React.js, Node.js, Express, and MongoDB to ensure scalability and ease of use.

Health Management -

2024

- Developed a Health Management System to track and manage patient records, appointments, prescriptions, and doctor availability in a secure and efficient manner. The system featured role-based access for doctors and patients, real-time appointment booking, and automated health record storage. Built using technologies such as React.js, Node.js, Express, and MongoDB, the project focused on improving accessibility and streamlining healthcare workflows.

Polling -

2024

- Built an online Polling System to facilitate secure and transparent voting processes for events, elections, or surveys. The system allowed users to create polls, cast votes, and view real-time results with vote-counting logic and duplicate-vote prevention mechanisms. Designed with an intuitive UI and role-based access for admins and users. Developed using React.js, Node.js, Express, and MongoDB to ensure a responsive and scalable experience.

CERTIFICATIONS

- Achieved an RAMpage V2.5 Certificate of Excellence in 24hrs Hackathon
- AWS Cloud Practitioner Certification and Badge
- React Basics course completion certification from COURSERA
- Attended an online FDP session on "Advances in Deep Learning for Image Processing and Computer Vision" and recieved the participation certificate
- Basics of UI/UX course certification from Simplilearn

EXTRA CURRICULAR ACTIVITIES

- Active participation in weekly coding challenges on CodeChef, consistently improving problem-solving abilities.
- Attended workshops and seminars on AI, ML, and Data Science to stay updated on industry trends.

CODING PLATFORM

Codechef - [LINK](#)