

**SALA SATYA SAI SADGURU CHARAN**  
Full Stack Developer | SDE | MERN Stack  
JNTU-GV College of Engineering

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## SUMMARY

- Software Developer and Full Stack Engineer skilled in MERN stack, TypeScript, REST APIs, and database design. Built projects including Puredrop, Hamaralabs, and CodeMoji, with strong problem-solving skills (100+ LeetCode problems) and a focus on scalability and usability.

## TECHNICAL SKILLS

- **Languages:** TypeScript, JavaScript, Python, C, HTML, CSS
- **Frameworks/Tools:** React, Next.js, Node.js, Express.js, Prisma, MongoDB, SQL, Tailwind, Git, Postman, GitHub Actions (CI/CD)
- **Concepts:** DSA, OOPs, OS, DBMS, REST APIs, JWT Auth, Form Validation (Zod), MVC, Unit Testing
- **Platforms:** Vercel, Netlify, Render, MongoDB Atlas

## WORK EXPERIENCE

- **Frontend Developer | Hamaralabs** May - June 2025
  - Built responsive UIs with TypeScript and Next.js, implemented Zod-validated forms, and managed CRUD operations via Prisma.
  - Developed a digital lab management system deployed in 10+ tinkering labs, enabling activity assignment, student progress tracking, and efficient lab operations.
- **Founder MERN-Stack Developer – College Tech Fest** Feb – Mar 2025
  - Developed CodeMoji, a full-stack gamified coding platform with real-time challenges and backend logic using React, Node.js, Express, MongoDB, and Tailwind; used by 50+ students.
  - Led a team of 3 and deployed the platform on Vercel, ensuring smooth performance.

## PROJECTS

- **Puredrop – Water Delivery App** [\[GitHub\]](#) June – Aug 2025
  - Built a web platform to order water from nearby plants within 10km, serving 50+ test users; built with React, Node.js, Express, MongoDB.
  - Integrated Leaflet.js and OpenStreetMap for dynamic geolocation filtering.
- **Digital Lab Management System – Hamaralabs** [\[GitHub\]](#) May – Jun 2025
  - Developed a digital lab management platform used in 10+ tinkering labs, enabling activity tracking, role-based access, and form submissions; built with TypeScript, Next.js, Prisma, and Tailwind.
- **CodeMoji – Gamified Coding Platform** [\[GitHub\]](#) Feb – Mar 2025
  - Developed a full-stack gamified coding platform with real-time code execution (Compilex), interactive challenges, and scoring, used by 50+ students; built with React, Node.js, Express, and MongoDB.

## EDUCATION

- **B.Tech – Computer Science & Engineering**, JNTU-GV College of Engineering 2023 – Present
- **Diploma – Computer Engineering**, Sir C.R. Reddy Polytechnic, Eluru 2020 – 2023 (Score: 94%)
- **SSC**, ZPHS Kothalanka 2019 – 2020 (Score: 10/10)
- Self-taught MERN stack developer through hands-on projects.

## CERTIFICATIONS

- Machine Learning – Internshala (2024) (Supervised Unsupervised Learning)
- Python Programming – iSan Education (2023) (OOP, Data Structures, File Handling)
- Hamaralabs Internship (2025) (Frontend: Next.js, Prisma, Zod; Full-Stack exposure)