

JANAGAMA SAI CHARAN

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CAREER OBJECTIVE

Aspiring full stack developer with hands-on experience in front-end (HTML, CSS, JavaScript, React.js) and back-end technologies (Python, Flask, Django), as well as database management (SQL). Seeking a challenging position to contribute to innovative web solutions and enhance my technical expertise.

SKILLS

Programming Languages: Python, JavaScript, C/C++, Java.

Web Technologies: HTML, CSS, JavaScript, React.js, Node.js, Three.js, Frontend Development, Backend/Infrastructure, UI/UX.

Frontend Frameworks & Tools: Redux, Styled Components, Bootstrap.

Backend Frameworks: Flask, Django.

Databases: SQL, MySQL, SQLite, PostgreSQL.

Tools: VS Code, PyCharm, Docker, NPM, pip, Babel.

Cloud Platforms & Services: Firebase (Authentication, Cloud Functions, Realtime Database, Hosting).

Methodologies & Concepts: Object-Oriented Programming (OOP), Data Structures & Algorithms, System Design, Agile Methodologies, Storytelling, Adaptive Learning.

Data Science & Machine Learning: Pandas, NumPy, TensorFlow, Data Analysis, Data Visualization (Matplotlib, Plotly), Artificial Intelligence (AI), Generative AI, Real-time Data Visualization, Machine Learning, Data Analytics, Data Science.

PROJECTS

Feedback-App (Flask, virtual environment, SQLAlchemy, PostgreSQL).

- This app allows users to submit feedback about dealerships, storing customer name, dealer name, rating, and comments.
- It checks for duplicate entries and handles validation, and stores all data securely in a PostgreSQL database.

LinkedIn-Clone (React.js, Firebase (Authentication, Firestore, Storage, Hosting), Styled Components).

- This is a fully functional LinkedIn-inspired social networking app built with React, integrated with Firebase for backend services such as authentication, Firestore database, and cloud storage. The project simulates a professional user feed where users can log in, post updates (text + images), and see live updates in real time.
- Deployed on Firebase Hosting: Fully deployed and accessible at linkedin-clone-accd3.web.app

3D Solar System Simulation (Three.js, GSAP, HTML, CSS, JavaScript).

- Built an interactive 3D solar system model using Three.js, rendering planets with realistic textures and orbital motion.
- Implemented animations and transitions with GSAP for smooth planet rotations and orbit speeds.
- Designed a responsive interface with user controls for adjusting speed and viewing angles.
- Showcased skills in 3D graphics, JavaScript, and frontend development with real-time rendering in WebGL.

EDUCATION

Bachelor of Technology - BTech, Computer Science Engineering | Anurag University, Hyderabad | CGPA: 7.58

2021 - 2025

Intermediate, MPC | Narayana Junior College | Percentage:94.8%

2019 - 2021

Schooling, SSC | Bhashyam High School | GPA:9.0

2019

CERTIFICATIONS

- HTML5 - The Language - Infosys Springboard (Issued Sept 2023).
- Learning CSS - Infosys Springboard (Issued Sept 2023).
- Certified Application Developer (CAD) - ServiceNow (Issued Sept 2024).
- Certified System Administrator (CSA) - ServiceNow (Issued Sept 2024).
- Blue Prism - Foundation Training & Associate Developer.
- Associate Cloud Engineer - Google Cloud Certified (Issued Jun 2025).
- Database and SQL - Infosys Springboard (Issued Apr 2023).
- Basics of Python - Infosys Springboard (Issued Nov 2022).
- Java SE 8 Features - Infosys Springboard (Issued Apr 2023).