**Sai Yaswanth Chithirala**

Amaravati | syaswanth486@gmail.com | +91 9849405491| www.linkedin.com/in/-yaswanth

**Career Objective**

Aspiring Software Engineer with a strong foundation in web development, front-end design, and data-driven technologies. Seeking to contribute to high-impact development teams where innovation, clean code, and continuous learning are valued. Eager to apply my skills in JavaScript, HTML, CSS, and PHP to build responsive and scalable web applications.

**Education**

B.Tech in Computer Science and Engineering

Vellore Institute of Technology, Amaravati – 2021–2025

CGPA: 8.70 / 10

**Technical Skills**

Languages: JavaScript, Python, Java, SQL, HTML5, CSS3, PHP

Frameworks/Tools: React.js, Bootstrap, Git, Power BI, Streamlit

Databases: MySQL, MongoDB

Core Areas: Web Development, Frontend/UI Design, QA Testing, Data Analytics, REST APIs

**Professional Experience**

Associate Engineer – Orca NexGen Mar 2025 – Jun 2025

- Spearheaded frontend development for a web-based Attendance System using HTML, CSS, JavaScript, and Bootstrap.

- Integrated OTP-based email verification for password recovery using PHP and MySQL.

- Collaborated with backend developers to deploy GPS tracking and real-time database synchronization.

Data Science & Analytics Intern – Grantley Edutech Sep 2024 – Nov 2024

- Analyzed over 2,000+ financial records and built interactive dashboards using Power BI.

- Automated analytics reporting, reducing manual effort by 30%.

- Designed predictive models for financial forecasting with 85% model accuracy.

Research Analyst – Pennify Chapter, VIT-AP 2021 – 2022

- Published fintech market reports and streamlined data ingestion processes.

- Improved reporting accuracy by standardizing data formats across sources.

- Coordinated with cross-functional teams to boost research workflow by 10%.

**Key Projects**

Document Q&A System using LLMs

- Developed a question-answering chatbot with RAG pipeline achieving 87% response accuracy.

Employee Attendance System (React + PHP + Face Recognition)

- Built full-stack web app with face recognition, GPS logging, and secure leave management.

- Integrated frontend with real-time data backend and email OTP using PHP.

BlinkIt Sales Data Analysis

- Created Power BI dashboards that improved decision-making speed by 40%.

Play Link – Outdoor Sports Team App

- Designed a responsive frontend with React for team formation and venue booking.

- Implemented API communication with Node.js backend.

Disease Prediction Model (ML)

- Built and trained a model achieving 85% prediction accuracy using patient symptom data.

**Soft Skills**

✔ Analytical Thinking & Logical Reasoning

✔ Clear Communication & Cross-Team Collaboration

✔ Task Prioritization & Time Management

✔ Creative Problem Solving