

Sanikommu Bharath Simha Reddy

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SUMMARY

B.Tech student with a strong interest in Web Development and software programming. Skilled in creating responsive and interactive web applications using HTML5, CSS3, and JavaScript, along with programming knowledge in Python. Experienced in front-end development concepts including DOM manipulation, responsive design, Flexbox, and CSS Grid. Familiar with development tools such as Git, GitHub, and VS Code. Possess strong analytical and problem-solving abilities and eager to contribute to building efficient and scalable web applications.

EDUCATION

B.Tech in Artificial Intelligence & Data Science

Amrita Vishwa Vidyapeetham · Amritapuri · 2026 · 7.08

Intermediate

Naarayana Junior College · Tadigadapa · 2024 · 96.4

Secondary Education

Sri Chaitanya Techno School · Kanigiri · 2022 · 88.83

EXPERIENCE

Full Stack Web Development Intern

Smart ED

February 2026 - Present, Remote

- Developed and maintained web applications using HTML, CSS, and JavaScript.
- Assisted in building responsive user interfaces and improving website functionality.
- Worked on both front-end and back-end development concepts as part of full stack development training.
- Collaborated on project tasks and implemented features following modern web development practices.

SKILLS

- **Programming Languages:** Python, JavaScript
- **Web Development:** HTML5, CSS3, Responsive Web Design
- **Web Technologies:** DOM Manipulation, Flexbox, CSS Grid
- **Tools & Platforms:** Git, GitHub, VS Code
- **Core Concepts:** Front-End Development, Basic Web Application Development
- **Soft Skills:** Communication, Team Collaboration, Time Management, Adaptability

PROJECT

Smart Adaptive Traffic Light System

github.com/bharath2011114/Traffic-light-project · February 2025 - June 2025

- **Tech Stack:** Arduino Uno, IR Sensors, LCD, Embedded C.
- Designed and simulated a smart traffic management system that adjusts signal timing based on vehicle density using IR sensors.
- Implemented automatic and manual control modes for efficient traffic flow.
- Integrated LCD display for real-time traffic signal status monitoring.

CERTIFICATIONS

Deep Learning in Python

DataCamp · 2026

- Gained knowledge of neural networks and implemented basic deep learning models using Python.

Communication Skills

TCS iON · 2025

- Learned the fundamentals of effective communication, including verbal and non-verbal communication, communication processes, and overcoming communication barriers.

Introduction to Linear Algebra with MATLAB

Math Works • 2025

• Gained understanding of vectors, matrices, and basic linear algebra operations using MATLAB.
