

SHIVA KUMAR PENUKONDA

☎ 6300167829 ✉ shivakumar.penukonda414@gmail.com [in linkedin.com/in/shiva4554/](https://www.linkedin.com/in/shiva4554/)
github.com/shivakumar454 📁 [Shiva's Portfolio](#)

Education

Aditya Engineering College

September 2022- May 2026

Bachelor of Technology in Information Technology(GPA: 8.27 / 10.00)

Surampalem, Andhra Pradesh

- **Relevant Coursework:** Enhanced C++ algorithms and data structures through coding exercises, group discussions, and competitive programming, while expanding proficiency in C++, Python, and Java through diverse projects and hands-on practice.

Experience

Technical Hub

June 2024 - January 2025

Full Stack Developer Intern

Surampalem, Andhra Pradesh

- Collaborated in the development of 2 full-stack projects, contributing 60% to front-end and 40% to back-end, utilizing HTML, CSS, JavaScript, React, Node.js, MongoDB, and improving loady 30% and achieving 99.9% uptime.
- Implemented Agile methodologies to complete 10+ sprints and track progress with Git/GitHub, resulting in a 20% increase in project delivery speed and ensuring 100% integration of front-end with back-end APIs for seamless functionality.

Projects

Rescue Ready | *React.js, MongoDB, Express,Node.js,javascript,Css*

- Built a scalable full-stack platform for community safety with real-time disaster alerts, preparedness checklists, and volunteer support, gaining approval from 80% of classmates.
- Integrated geolocation-based emergency services using NWS and FEMA APIs, reducing response times by 30% and improving data-driven decision-making by 25%
- Designed a responsive front-end with React.js, Node.js, CSS, and Bootstrap, achieving 95% user satisfaction for seamless accessibility and intuitive user experience.

Multiio | *Html,Css,JavaScript*

- Developed an interactive shopping mall website using HTML, CSS, and JavaScript, boosting user engagement by 40% through better navigation and vendor access.
- Implemented Local Storage and streamlining access for 6 team members , increasing onboarding efficiency by 30%.
- Enhanced user experience by designing straightforward navigation options, reducing user adaptation time by 25% and increasing overall satisfaction by 20%

Technical Skills

Languages: C Programming ,C++,Python,Javascript,SQL

Web Technologies: Html,Css,Git,GitHub

Technologies: React.js, Express.js, Bootstrap, Node.js,MongoDB,React Native

Concepts: Operating system, API, Database Normalization, Agile Methodology,Computer Networks,DBMS

Achievements

• Ideathon Participant – EcoMetrics (Urban Sustainability Project), Aditya University

- Presented EcoMetrics at an Ideathon, receiving positive feedback from 15 industry experts.
- Created EcoMetrics, resulting in a 25% reduction in environmental impact assessments by the local government.

Certifications

- [JavaScript Essential-1] – [Cisco Networking Academy] [🔗](#)
- [JavaScript Essential-2] – [Cisco Networking Academy] [🔗](#)
- [CCNAv7: Introduction to Networks] – [Cisco Networking Academy] [🔗](#)