

AKHILESH SAMAYAMANTULA

Full Stack Developer

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SUMMARY

Innovative and results-oriented full-stack developer with practical experience in building real-time applications, dynamic websites, and AI-enhanced tools. Proven ability to lead and support projects from concept to deployment, including ERP systems, GPS-based bus tracking solutions, educational platforms, and interactive 3D websites. Proficient in JavaScript, React, Node.js, MySQL, and MongoDB, with a growing passion for integrating AI technologies to solve real-world problems. A strong team player with experience in freelance projects, startup environments, and community outreach—always eager to learn and develop impactful solutions.

EDUCATION

Bachelor of Technology in Computer Science

VIT-AP UNIVERSITY

08/2023 - 05/2027

PROFESSIONAL EXPERIENCE & ACHIEVEMENTS

Core Web Developer

Amenity Forge

06/2025 - Present

Startup focused on developing web solutions

- Contributed to a fast-paced startup environment, gaining real-world experience in building client-ready web applications
- Collaborated on live projects with a product-focused team

PROJECTS

ERP Web Application

09/2022 - 12/2022

A platform to manage educational activities efficiently

- Engineered a full-featured ERP platform using the MERN stack to manage student records, coordinate school activities, and generate real-time academic insights.

VIT-AP Bus Tracking System

01/2023 - 04/2023

- Developed a real-time GPS-based bus tracking system for university transport using React Native, Node.js, and MySQL, featuring an admin dashboard and dynamic student route view.

RGMIS School Website

04/2023 - 06/2023

- Created a dynamic school website using JavaScript and MySQL
- Included admin panel for updating gallery and activity sections

Interactive 3D web

05/2023 - 08/2023

A freelance project to create an immersive landing page

- Developed an interactive 3D web experience featuring a rotating GLTF car model
- Utilized Three.js, JavaScript, and CSS for a dynamic landing page

LEADERSHIP & EXPERIENCE



Admin-Web Technology Team, NextGen Cloud Club

Led web projects and outreach initiatives



School Outreach Volunteer, SEDS

Educated school students about space science and technology



Workshop Conductor, RGMIS

Conducted programming and AI workshops for school students

SKILLS

Bootstrap

CSS

ERP

Git

GitHub

Google Firebase

GPS Integration

HTML

IBM

Java Spring

JavaScript

MongoDB

OAuth

React

React Native

Tailwind

Three.js

Vercel

Node.js

Express.js