

NAGA SAI AKARSH B

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Overview

Computer Science undergraduate with hands-on experience in full-stack development using MERN stack. Strong foundation in DSA and databases, with projects in REST APIs, real-time systems.

Technical Skills

Languages: Java, Python, C, JavaScript
Frameworks: React.js, Node.js, Express.js, Bootstrap, Flutter
Databases: MongoDB, MySQL, Firebase Firestore
APIs: Stripe API, TomTom Maps API
Authentication/Tools: JWT, Git, Vercel, Netlify

Projects

CampusConnect — College Communication & Engagement Platform

React.js, Node.js, Express.js, MongoDB, JWT

- Architected a full-stack platform for academic communication between students, faculty, and alumni.
- Implemented real-time chat, announcement boards, forums, and alumni interaction modules.
- Emphasized role-based authentication and modular design for scalability and data privacy.
- Enhanced student–alumni engagement and streamlined academic communication.

SpotWise — Urban Service Matching System

Node.js, Express.js, MongoDB, JavaScript, Bootstrap, Tom Tom Maps API, JWT

- Built a web platform connecting service seekers with providers within 5km radius.
- Integrated real-time geolocation, secure authentication, and instant notifications.
- Streamlined hyper-local service discovery and reduced response times with robust security.

Quick Bite — Food Delivery Web Application

MongoDB, Express.js, React.js, Node.js, Stripe API

- Built customer-facing interface for login, cart, and order placement with Stripe and cash payments.
- Implemented admin dashboard for managing restaurants, food items, and viewing customer orders.

SafeRoute — Speed Breaker Alert System

Flutter, Firebase Firestore, TomTom Maps API

- Built a cross-platform mobile application to alert users of upcoming speed breakers using GPS overlays.
- Integrated real-time location tracking and navigation using TomTom Maps API.
- Enabled community-driven contributions by allowing users to submit and fetch geotagged data.

Education

PSG College of Technology, Coimbatore

B.E. in Computer Science & Engineering
CGPA: 7.81/10

Oct 2022 – Jun 2026

Sri Chaitanya College, Vijayawada

Higher Secondary Certificate
Score: 94.3%

2022

Relevant Coursework

Data Structures and Algorithms, Object-Oriented Programming, Database Management Systems, Machine Learning, Operating Systems

Area of Interest

Full Stack Development, Cloud Computing, Machine Learning, RESTful API Design