

# V SREE ADITYA

Dynamic B. Tech CSE student with a strong foundation in full-stack development, AI, and IoT. Experienced in building scalable, innovative solutions across diverse problem domains. Proficient in Python, React, Node.js, and cloud integration within agile environments. Passionate about solving complex challenges and contributing to high-impact engineering teams.

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📍 Chennai, India

🌐 v-sree-aditya

🐙 SreeAditya-Dev

## WORK EXPERIENCE

### Wheelocity

Data Analyst intern

May 2025 - Jul 2025

- **Designed and deployed a real-time EV truck route optimization algorithm** using Google OR-Tools, TSP heuristics, and Dijkstra's algorithm, improving delivery efficiency by 70%.
- **Generated cost-efficient, map-accurate routes** by integrating OpenStreetMap data with geospatial libraries like OSMnx, NetworkX, Shapely, and Folium.
- **Validated algorithm performance in real-world logistics scenarios**, enhancing practical insights into sustainable transportation analytics and optimization.

## EDUCATION

### Shiv Nadar University, Chennai

Bachelor of Technology in Computer Science and Engineering - 8.8

June 2028

### D.A.V School, Adambakkam

Class 12 in PCM - 94%

June 2024

### D.A.V School, Adambakkam

Class 10 - 91%

May 2022

## PROJECTS

### Eventro – AI-Powered Event Management Platform

May 2025 - Jun 2025

- Built a platform for creating, promoting, and managing events, used by 100+ test users during pilot.
- Integrated AI-based event recommendations, boosting user engagement by 35%.
- Reduced check-in time by 60% using QR code ticketing and real-time validation.
- Enabled organizers to manage attendees, send emails, and view analytics with 90% task automation.
- **Tech Stack:** React, TypeScript, Tailwind CSS, Supabase, Google Gemini API, Mapbox, QR Scanner.

### CampusPro – Smart Campus Bus Management System

Apr 2025 - May 2025

- Built a real-time campus bus tracking system for 200+ users using IoT and GPS.
- Automated student count, reducing pickup time by 30%.
- Developed role-based dashboards with alerts and light/dark mode.
- **Tech Stack:** React.js, TypeScript, Tailwind CSS, Redux Toolkit, Supabase, C, GPS Modules.

### Last Mile - Freight Route Optimization Platform

Mar 2025 - Apr 2025

Developed an AI-powered logistics platform to optimize deliveries, built collaboratively with a 4-member team.

- Achieved 25% fuel savings and 30% faster deliveries by applying AI-driven route optimization
- Attained 85% accuracy in predicted delivery times with real-time tracking.
- Integrated with 50+ logistics carrier systems, supporting 100+ users.
- Ensured 80% uptime with secure authentication and data privacy.
- **Tech Stack:** Next.js (React.js), Node.js, Prisma ORM, PostgreSQL, Clerk, Custom AI algorithms.

### CareerCraft AI-powered career platform

Feb 2025 - Feb 2025 AI-

powered career platform helping 70+ users/month optimize job applications.

- AI Resume & Cover Letter Generator with 80% improved ATS compatibility.
- Real-time Job Market insights & AI-powered interview Prep.
- Secure authentication via Clerk, Google Gemini AI integration for intelligent recommendations.
- **Tech Stack:** Next.js (React.js), Node.js, Prisma ORM, PostgreSQL (Prisma), Clerk, Google Gemini AI.

## SKILLS

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**Web & App Dev:** React.js, Next.js, Node.js, Express.js, Flask, Flutter, React Native, HTML, CSS, Tailwind, TypeScript

**Languages:** Python, JavaScript, C, C++, Dart

**Databases & ORM:** PostgreSQL, MySQL, MongoDB, Prisma ORM, SQL

**DevOps & Deployment:** Git, GitHub, GitHub Actions, Vercel, Render, Azure, Linux

**AI & Tools:** Google Gemini AI, JWT, WebSocket's, Multer, Tkinter, Flutter

**DSA & CP:** Solved 150+ problems on geeksforgeeks | Strong grasp of algorithms, recursion, DP, graphs

## CERTIFICATE

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### Crash Course on Python by Google

- Learned Python fundamentals, automation, file handling, and Object-Oriented Programming (OOP).
- Developed problem-solving skills for software development and scripting.

### Hugging Face Transformers Course

(May 2025)

- Exploring NLP and Generative AI through hands-on projects with Transformers and PyTorch.
- Learning fine-tuning techniques for LLMs and deploying models with Hugging Face.

### AI Agents for Beginners

(July 2025)

- Gained foundational knowledge of intelligent agents, their types, and real-world applications in AI and automation.
- Explored agent-environment interactions and decision-making processes in AI systems.

## AWARD

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### 2nd Place – SNUHACK 2025 Shiv Nadar University

Built CareerCraft AI, an AI-powered career guidance platform using LLMs and secure cloud infra.

### 1st Place – Vashisht Hackathon 2.0 IIITDM Kancheepuram

Developed Last Mile – a freight optimization solution reducing logistics delays by 20%.