VINEETH UMMADISETTY

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Education

Sri Sivasubramaniya Nadar College of Engineering   Oct. 2022 – Apr 2026
BE in Computer Science and Engineering, 3rd year   *Chennai, TN*

Nagarjuna Pre-University   Aug. 2020 – Apr 2022
HSC (93.8%)   *Bengaluru, KA*

Technical Skills

Languages: Python, Java, C, HTML/CSS, SQL, JavaScript
Developer Tools: VS Code, Eclipse, Android Studio, XCode, Netbeans, Collab
Technologies/Frameworks: Linux, Flutter, JavaFX, React, Figma, MongoDB

Relevant Coursework

- Data Structures
- Algorithms Analysis
- Database Management
- Data Science
- Operating Systems
- OOPS
- Computer Architecture
- Computer Networks
- NLP
- Machine Learning
- Automata

Projects

ShoreSecure | *React Native, Firebase, Open-Meteo API, Expo* GitHub   **March 2025–Present**

- Developed a mobile app delivering live safety updates for **200+ Indian beaches**, enhancing tourist planning and risk awareness.
- Integrated **real-time geolocation and Google Maps** for accurate beach navigation and hazard alerts.
- Built an **AI-based Lost & Found** module and tourist forum, boosting engagement by over **40%**.
- Implemented background data sync every **30 minutes** with offline fallback to improve reliability by **60%**.
- Designed an intuitive UI with a **teal-black theme** to improve accessibility and app adoption.

CAMS — Consultancy Academic Management System | *React, Node.js, JWT Auth* GitHub   **March 2025**

- Built a full-stack platform to manage **100+ academic projects** with secure JWT-based role access.
- Enabled project tracking, document versioning, and exportable **Excel-based financial reports**.
- Automated milestone notifications using **cron jobs** and **Nodemailer**, reducing missed deadlines by **80%**.
- Architected reusable modules for institutional scalability.
- Integrated admin analytics dashboard with KPIs on project count, budgets, and deadlines.

Dishcovery | *Flask, HTML, CSS, ML API, Render* GitHub   **February 2025**

- Developed an ML-powered dish recommender with **95% API uptime** and ¡400ms response.
- Deployed Flask frontend and backend model on Render for end-to-end demo.
- Implemented Top-N result filtering, input validation, and graceful API fallback for better UX.

Achievements

Merit scholarship   **November 2022**
                                                                    SSN College Of Engineering

- Awarded a prestigious merit scholarship for achieving top 3 ranking in the Computer Science department during the first year of engineering.
- Shortlisted for the Smart India Hackathon (SIH) 2023 and 2024 for developing an innovative machine learning model for sentiment analysis on social media comments.