

# VINEETH UMMADISSETTY

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## Education

### Sri Sivasubramaniya Nadar College of Engineering

BE in Computer Science and Engineering, 3rd year

Oct. 2022 – Apr 2026

Chennai, TN

### Nagarjuna Pre-University

HSC (93.8%)

Aug. 2020 – Apr 2022

Bengaluru, KA

## Technical Skills

**Languages:** Python, Java, C, HTML/CSS, SQL, Julia

**Developer Tools:** VS Code, Eclipse, Android Studio

**Technologies/Frameworks:** Linux, Flutter, JavaFX

## Relevant Coursework

- Data Structures
- Database Management
- Operating Systems
- Computer Architecture
- Algorithms Analysis
- Data Science
- OOPS

## Experience

### EatEase

Project Lead

June 2024

Chennai, TN

- Successfully led the development of a comprehensive food delivery management system using SQL and NetBeans.
- This project involved overseeing a team of 2 developers to design, implement, and deploy an application that streamlined the food ordering and delivery process.

## Projects

### ShoreSecure | Flutter, Firebase

August 2024-Present

- Currently designing and implementing a coastal tourism mobile app using Flutter. The app aims to integrate real-time weather and oceanic condition data to provide users with safety alerts and insights into beach suitability.
- In the process of leveraging Firebase for backend services, including real-time database management and user authentication, to ensure a secure and seamless user experience.
- Created a visually appealing and minimalistic UI to enhance user engagement. The design will focus on intuitive navigation and providing clear, actionable insights based on geospatial and environmental data.

### Weatherly | Flutter, Android Studio, Firebase

February 2024

- Developed an Android application using Flutter and Android Studio, enhancing user experience with a visually appealing and intuitive UI.
- Integrated OpenWeather API to provide real-time weather updates, ensuring users receive accurate and up-to-date information.
- Optimized app performance, reducing load time by 50% through efficient coding practices and optimization techniques.
- Leveraged Firebase for backend support, managing user data and boosting application scalability and performance by 40%.

### Blocky Blitz | Java, JavaFX

December 2023

- Developed an interactive game using the JavaFX framework, achieving a seamless user experience and visually appealing graphics.
- Architected object-oriented programming (OOP) principles, ensuring modular, reusable, and maintainable code.
- Executed rigorous testing and debugging, reducing the number of bugs by 80% and increasing overall game stability.
- Devised and incorporated multiple game levels and obstacles, boosting user engagement by 50% and enhancing gameplay complexity.

## 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 for developing an innovative machine learning model for sentiment analysis on social media comments.