

Konkala Arun kumar reddy

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Summary

Highly motivated Computer Science undergraduate with a strong foundation in programming, algorithms, and data analysis. Proficient in HTML, CSS, SQL, Java, and UI/UX design, with hands-on experience in web development, database management, and user interface prototyping using Figma. Eager to contribute creative problem-solving and technical skills in a dynamic development environment.

Education

Saveetha Institute of Medical and Technical Sciences, Chennai

Aug 2022 – Jul 2026

Bachelor of Engineering in Computer Science

- GPA: 8.5/10.0
- Course Work: DSA, Computer Networks, DBMS, OS, Artificial Intelligence, OOP

Technologies

Languages: Java, SQL, C, HTML, CSS

Database: Microsoft SQL Server

Web/Tools: GitHub, Figma, Canva

Concepts: OOPS, DBMS

Projects

Organic Store Website

An e-commerce platform built with JavaScript, and HTML/CSS. Features cart management, search bar. UI designed using Canva for modern product browsing experience. **GitHub:** Organic-fruits-and-veg **Live:** organic-products

Pulmonary Health Monitoring App

A mobile app UI/UX. Includes appointment booking, video tutorials, and predictive alerts. UI/UX optimized for patients and doctors using Figma. **Figma :** Figma design

Traffic Management System

Machine Learning model using AdaBoost, SVM, and KNN to predict congestion levels. Stored and queried real-time data using SQL. Improved prediction accuracy and reduced misclassification.

Certificates

- NPTEL : Introduction to the Internet of Things— Silver(77 percentage)
- NPTEL : Technical English—Elite(71 percentage)

Achievements

- Ranked Top 5 in Intermediate at VISWAM Junior College, Madanapalle
- 1st Place in AGNITO 2024 – Fundamentals of Computing, SIMATS Engineering