KESHAVAREDDY NAGENDRA REDDY

Andhra Pradesh, India

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SUMMARY

Final-year Computer Science student with strong skills in Java, Data Structures & Algorithms, and Full Stack Development. Experienced in building end-to-end applications using machine learning and modern web technologies. Passionate about problem-solving and software engineering.

EDUCATION

Rajeev Gandhi Memorial College of Engineering and Technology   **Nov 2022 – Apr 2026**
*B.Tech - Computer Science and Engineering (Data Science) - **CGPA** - **8.82***   *Nandyal, Andhra Pradesh*
Rao's Junior College   **Jun 2020 – Apr 2022**
*Intermediate - MPC - **Percentage – 94.5%***   *Nandyal, Andhra Pradesh*
Sri Sarada Vidyalayam High School   **Jun 2019 – Apr 2020**
*SSC – General – **Percentage – 94.5%***   *Nandyal, Andhra Pradesh*

PROJECTS

Loan Eligibility Prediction System - Link

Technologies: Flask, Machine Learning, React, TypeScript, Python.

- Built a full-stack ML web application using Flask (backend) and React + TypeScript (frontend).
- Implemented a Random Forest model achieving 75% accuracy in predicting loan eligibility.
- Designed an interactive UI for seamless user experience and input validation.

Object Detection System - Link

Technologies: PyTorch, OpenCV, React, TypeScript, Flask, Python.
- Developed a responsive and interactive frontend using React + TypeScript.
- Integrated frontend with Flask backend serving a Faster R-CNN model (ResNet50-FPN).
- Implemented file upload functionality with support for multiple image formats and batch processing.

Shophub (E-commerce Frontend Application) - Link

Technologies: React, TypeScript, Vite, CSS.

- Built a modern, responsive **e-commerce frontend** using **React**, **TypeScript**, and **Vite** to allow users to browse clothing items, add/remove them from the cart, and maintain selections with **LocalStorage** persistence.
- Designed a responsive UI with **CSS** and functional React components, ensuring seamless experience across mobile and desktop devices.

TECHNICAL SKILLS

Languages: C, Java, Python, HTML, CSS, JavaScript
Core Concepts: Data Structures & Algorithms (DSA), DBMS, Operating Systems (OS), Object Oriented Programming (OOP), Computer Networks
Frameworks/Libraries: NumPy, Pandas, Scikit-learn, Flask, React
Databases: MySQL, MongoDB
Tools: VS Code, Jupyter Notebook, Git, Postman

CERTIFICATIONS

- Java Programming: Basic Skills - EDX (April 2024)
- AWS Certified Cloud Practitioner – AWS (March 2025)
- Responsive Web Design - FreeCodeCamp (Feb 2025)

ACHIEVEMENTS

- Solved **300+ Data Structures & Algorithms problems** across multiple platforms — *GeeksforGeeks, LeetCode*, and *HackerRank*, enhancing problem-solving speed and algorithmic efficiency.