

Kovvuru Rajesh

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SUMMARY

As a proactive and creative third-year Computer Science student, I offer exceptional problem-solving skills and a passion for innovation. Experienced in diverse software development projects, I am now actively seeking a software engineering role to further grow my skills and contribute to the development of innovative solutions. Eager to learn from seasoned professionals, I bring a commitment to successful project execution and a dedication to expanding my knowledge in real-life applications. .

WORK EXPERIENCE

Andhra Pradesh State Skill Development Corporation

June-Aug 2023

- Django Intern

Remote

Developed a comprehensive hospital management system Website using Django and SQLite, showcasing adept skills in web development, database management, and creating seamless healthcare solutions.

Code Clause

June 2023

- DataScience Intern

Remote

Developed an advanced Age-Gender detection system and using machine learning, computer vision algorithms, and deep learning models, achieving high accuracy through the implementation of convolutional neural networks.

PROJECTS

Person Authentication and Identification Using Machine Learning

- This research proposes a unique approach to biometric security by exploring the potential of using EEG signals for person authentication or identification. EEG signals of brain functioning, making them a promising modality for identification. The model is trained Using SVM, KNN, Decision Tree, Random Forest, Ensemble Learning model.
- Dataset: Physionet EEG Motor Movement/Imagery Dataset

Obstacle Avoidance in Autonomous Vehicles

- Research to avoid obstacles, we use Collision avoidance. Applying the Latest YOLOv8 version for object detection and LiDAR sensor for the range of object. Simulation over ROS(Robot Operating System) Software for realistic approach. Technologies using – Deep learning, object detection algorithms (YOLOv8), ROS, rclpy, Ubuntu.

Super Market Billing System

Developed a comprehensive supermarket billing system using Java, showcasing strong programming skills and software development expertise.

Bank Management System

Implemented a Python-based Bank Management System application, emphasizing secure transaction handling, data integrity.

Contact Application

Designed and implemented a dynamic React.js application for contact management, showcasing expertise in component-based architecture, state handling, and integration of React Router and Axios for seamless navigation and CRUD functionality.

EDUCATION

2021 - 2025	BTech - CSE at SRM University AP	(GPA: 8.9/10)
2019 - 2021	Class 12th BIEAP	(PREC: 97/100)
2019	Class 10th APSSC	(GPA: 10/10)

SKILLS

Programming Languages:	C, C++, Python , Java , JavaScript, Assemble language (8086), Shell/bash..
Web Technologies:	HTML, CSS, BootStrap, ReactJS, NodeJS, ExpressJS, RESTful API, Mon-goDB, Django.
Machine Learning:	SVM, KNN, Decision Tree, Random Forest.
Deep Learning:	Artificial and Convolution Neural networks, Object detection and YOLO Al-gorithms.

CERTIFICATIONS

NPTEL :	DBMS
HackerRank :	SQL