Karthik Sriram Kudali

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https://github.com/karthiksriram09 | https://www.linkedin.com/in/kudalikarthiksriram/ | https://x.com/karthiksriram_1

Skills

Languages: C, Java, JavaScript, Python, HTML, CSS
Core Concepts: OOPS, OS, CN (Basic)
Databases: MySQL, Postgres SQL, MongoDB
Software: PowerPoint, Microsoft Excel, Google Collab, GitHub
Others: Machine Learning, Convolutional Neural Networks, PyTorch

Education

Koneru Lakshmaiah University, Vijayawada, Andhra Pradesh   Sep 2022 - Present
B.Tech in Computer Science and Engineering   *CGPA : 8.51/10*
Relevant Coursework: Advanced Object-Oriented Programming, Database Management System, Data Structures and Algorithms, Operating Systems, Computer Networks, Machine Learning, Artificial Neural Networks.

Sri Chaitanya, Guntur, Andhra Pradesh   2020 - 2022
XII Board

Little Flower English Medium School, Guntur, Andhra Pradesh   2008 - 2022
X Board

Project Work

Bone Fracture Detection using CNN
- Developed a deep learning model using **Convolutional Neural Networks (CNN)** to detect bone fractures from X-ray images, achieving high accuracy in medical image classification and aiding in faster diagnosis.
  https://github.com/Karthiksriram09/Bone-Fracture-Detection-using-CNN

Loan Prediction using SVM
- Built a machine learning model using Support Vector Machine (SVM) to predict loan approval probability based on applicant details, improving accuracy in risk assessment.
  https://github.com/Karthiksriram09/Fraud-Detection-in-Python

Fraud Detection in Python
- Developed a fraud detection system in Python utilizing machine learning techniques to identify anomalies in financial transactions, achieving high precision in fraud detection.
  https://github.com/Karthiksriram09/Fraud-Detection-in-Python

Student Mental Health Support System (Full-Stack Project)
- Developed a full-stack web application using **Spring Boot** for the backend and modern frontend technologies to assess and support student mental health. Features include self-assessment tests, real-time chat support, and personalized resource recommendations.
  https://github.com/Karthiksriram09/Hackathon_FINAL_TEAM_14-16

Technical Engagements

Web Development Workshop - IIT Hyderabad   Feb 2025

I attended the Remark Skill Education Technical Workshop on Web Development at IIT Hyderabad. I gained hands-on experience with modern web technologies, including front-end and back-end development.

NSTAMAZE - CIS-SOIREE 2024 - R.V.R & J.C. College of Engineering   Dec 2024

Competed in **INSTAMAZE**, a national-level technical Student Meet organized by **CISA**, showcasing problem-solving skills and technical expertise in a competitive environment.

Certifications

RED HAT Certified Enterprise Application Developer   Sep 2024

Salesforce Certified AI Associate   Oct 2024

Oracle Cloud Infrastructure Generative AI Certified Professional   Jun 2024