

Kolisetty Pavan Kumar

☎ 8712118366

✉ kolisettypavan2003@gmail.com

in Pavan Kumar

🐙 Pavan's github

Education

Bachelor of Technology. , Computer Science and Business Systems 2021 - 2025

- College: Vignan University
- GPA:8.6/10.0
- **Coursework:** ComputerScience, BusinessAnalytics, Management

XII 2019 - 2021

- Vignan Co-operative Junior College
- GPA:9.75/10.
- **Coursework:** MPC

Experience

Teaching Assistant, Vignan University Jul 2024- present

- Mentoring 50 students in Object-Oriented Programming (OOP) with C++ and providing personalized feedback.
- Assisting with course material, leading problem-solving sessions, and evaluating student performance.

AWS VirtualIntern, Solutions Architecture Jul 2023- Sept 2023

- Architected a high-availability AWS environment, integrating services such as EC2 and RDS; enhanced resource efficiency by 20
- Conducted cost analysis and implemented cost-saving strategies. Enhanced performance by fine-tuning EC2 instances and load balancers.

Campus Ambassador, IIT Kharagpur Nov 2022 -Feb 2023

- Formulated and executed a campus ambassador program for the Kshitij Event, fostering inter-collegiate relationships and boosting participation from students at both universities.
- Coordinated the Kascade level at our university for IIT Kharagpur and managed four engaging events at the Kshitij event, fostering active participation and involvement from both students and faculty members

Skills

Languages: C++, Python, Java, Html, CSS, Golang, JavaScript, React, C, SQL.

Technologies and Frameworks: Django, Bootstrap, cloud, Agile methodology.

Soft Skills: Communication skills, Leadership, Efficiency, Technical Presentation, Time management.

Certifications

NPTEL

- Principles Of Management Passed with top 5%
- Programming in Java

Coursera

- Python through data structures
- Getting started with Git and GitHub
- Introduction to Cloud Computing

Forage

- Agile Methodology-Cognizant

- AWS Solutions Architecture

Projects

Traffic Analysis Using YOLO

2023 to 2024

- Pioneered a groundbreaking website utilizing the YOLO (You Only Look Once) object detection model, Python Flask backend, React frontend, and seamless API integration.
- Achieved 90% object identification accuracy for detecting vehicles and bikes in real-time, exhibiting competence in full-stack development, and providing meaningful outcomes.

Home design Constructions

2023 to 2024

- Engineered an innovative platform connecting users with consultancies to realize customized dream homes.
- Technologies used in the project; utilized HTML, CSS, JS (React), PHP, and MySQL to provide tailored experiences based on land size specifications.

Tollgate Management system developed with c++

2023 to 2024

- A backend has been developed to enable users to find the most cost-effective route from the tolls between their source and destination. Technologies: C++, Dijkstra algorithm.

Achievements

Participated in Smart India Hackathon Presented a comprehensive solution for law case hearing management.

First Prize, Technical Seminar on Catalyst Role Awarded 1st prize for an Excellent presentation on Catalyst in past, present, future.

State Level Yogasana Judge (2022) A certified state-level Yogasana Judge, represented the National Yogasana Sports Federation in AP.

Third place, State level yoga asana, AP Secured third position in Artistic Solo in State level Yogasana Competitions

Second place, Chess Competition Secured the second position in the chess Competition on behalf of Vignan University

Declaration

The data and information included in this resume are verified and believed to be accurate and complete.