

Kunal Salunkhe

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Bachelor of Technology

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EDUCATION

•Bachelor of Technology in Computer Science and Engineering(AIML)

2021-25

KIT's College of Engineering(Autonomous), Kolhapur

CGPA: 6.6

PERSONAL PROJECTS

•Logic games(Towar Of Hanoi And Arranging Numbers)

Developed logic games like Tower of Hanoi using HTML, CSS, and JavaScript, enhancing algorithmic skills.

- Created compact recursive algorithms for efficient gameplay management.
- Developed using HTML, CSS, and JavaScript as foundational practice projects.
- High user rating, improved algorithm skills.
- Technology Used: HTML, CSS, JavaScript.

•Vehical counting and classification using deep learning

Developed a real-time traffic analysis system using OpenCV, TensorFlow, and YOLOv8 for vehicle counting and classification.

- Developed a system for real-time traffic analysis by counting and classifying vehicles based on size, type, and speed.
- Utilized OpenCV, TensorFlow, and YOLOv8 for implementation, achieving 80 percent classification accuracy.

•Network Packet Analysis using LLM (Large Language Model)

Enhanced contextual understanding of network activities with human-readable analysis.

- Developed a network packet analysis framework by integrating Wireshark and Large Language Models (LLMs) for advanced traffic monitoring and threat detection.
- Implemented Python scripts for .pcap processing, LLM-powered insights, and Deep Packet Inspection (DPI) to detect anomalies and security threats.

EXPERIENCE

•AI-ML Virtual Internship

April - June 2024

AICTE-Eduskills

Online

- gained practical expertise in developing and implementing machine learning models through the completion of the AICTE AI-ML virtual internship.
- mastered the use of Python and tools pertinent to the industry for data preprocessing, model training, and evaluation.

•Data Science Internship

Aug-Sept 2024

CodSoft

Online

- Developed project which include data science.

TECHNICAL SKILLS AND INTERESTS

Languages: C,Python(Core),Java(Core),Data structure

Libraries : Java Libraries, Python Libraries,Machine Learning Algorithms Libraries

Web Dev Tools: Github, PowerBI, Tableau

Cloud/Databases: Relational Database(mySql)

Relevant Coursework: Data Structures and Algorithms, Object Oriented Programming.

Areas of Interest:Data Science, Java, Python, Machine Learning.

Soft Skills: Problem Solving, Self-learning, Presentation, Adaptability

POSITIONS OF RESPONSIBILITY

•On Desk Registrations Volunteer Rotaract Club - KITcoek,Kolhapur

Oct - Dec 2022

- Helped to orphanage.
- Collected over Rs. 20,000 in entry fees for different activities.

POSITIONS OF RESPONSIBILITY

•Greet Learning Academy Python for Machine Learning

2023

•Greet Learning Academy Data Structure in C

2023

•Excel Computers C

2023

•Excel Computers Java(Core)

2024

•Excel Computers Data Structure

2024

•Excel Computers Python(Core)

2024