



CHAKALI UDAY KIRAN
B.Tech. - CSE - Artificial Intelligence & Machine Learning
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BRIEF SUMMARY

A dedicated and detail-oriented individual looking for an entry-level position at a well-reputed organization to gain experience and exposure and expand my knowledge.

KEY EXPERTISE

Python NumPy C++ Pandas Machine Learning Data Science Data Analytics Deep Learning SQL NoSQL
DBMS HTML Javascript React.js Keras

EDUCATION

SRM Institute of Science & Technology, Kattankulathur B.Tech. - CSE - Artificial Intelligence & Machine Learning CGPA: 9.60 / 10	2021 - 2025
Sri Chaitanya Junior College, Vijayawada 12 th Board of Intermediate Education Andhra Pradesh Percentage: 98.40 / 100	2021
Sri Chaitanya E.M School, Kurnool 10 th Board Of Secondary Education Andhra Pradesh CGPA: 10 / 10	2019

AWARDS AND SCHOLARSHIPS

- Secured SRM merit scholarship for three successive years.

PROFESSIONAL EXPERIENCE

Aurush SRMIST Entertainment / Media / Publishing Initiatives Committee Member Key Skills: Event Planning Organizing <ul style="list-style-type: none">Promoted to committee member, taking on increased responsibilities and leadership roles.Led the participant registration process and provided comprehensive support, improving the overall participant experience.Directed promotional efforts through social media and other channels, significantly boosting engagement and attendance.Supervised and collaborated with team members to efficiently handle various tasks and resolve on-site issues.	09 Apr, 2023 - Present
Aurush SRMIST Entertainment / Media / Publishing Initiatives Volunteer Key Skills: Event Planning <ul style="list-style-type: none">Coordinated and managed event logistics for multiple technical and management events, ensuring smooth execution.Assisted in participant registration and provided support, enhancing overall participant experience.Promoted events through social media and other channels, increasing engagement and attendance.Collaborated with team members to handle various tasks and solve on-site issues efficiently.	23 Aug, 2022 - 09 Apr, 2023

INTERNSHIPS

Bharath Intern IT / Computers - Software Machine Learning Intern Key Skills: Machine Learning Data Analysis Python NumPy <ul style="list-style-type: none">Participated in an intensive machine learning internship program through Bharath Intern, gaining hands-on experience and expertise in various machine learning concepts and algorithms.Analyzed data, conducted feature engineering, and performed model evaluation to optimize model performance and accuracy.Completed multiple projects focusing on practical applications of machine learning, including Project implementing a predictive maintenance model for optimizing equipment maintenance schedules and minimizing downtime.	10 Aug, 2023 - 09 Sep, 2023
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Key Skills: Machine Learning Python

- Engaged in a transformative AI-ML internship experience at Amazon (AWS), where I seamlessly integrated into a remote environment.
- Leveraged cutting-edge AWS technologies to drive impactful machine learning initiatives.
- Mastered a diverse skill set in machine learning, honed during immersive hands-on experiences.
- Eager to apply these skills to tackle real-world challenges and drive meaningful outcomes.

PROJECTS

Analysis Sustained Reduction of Road Traffic Fatalities Interventions

02 Jan, 2024 - 19 Jun, 2024

Mentor: Dr.P Kandaswamy IPS (Retd) | **Team Size:** 4

Key Skills: Time Series Analysis Machine Learning Deep Learning Statistical Data Analysis Transformers

- Collaborated with Dr. Kandasamy sir, Retd. IPS and Dr. Vimaladevi, Assistant Professor, on a research project focusing on sustained reduction of road traffic fatalities.
- Facilitated collaborative strategy formulation aimed at enhancing traffic engineering and implementing district-specific initiatives.
- Conducted thorough investigations to discern the distinct impact of introduced interventions on the decline in road crashes and fatalities.
- Analyzed data to discern whether the reduction directly linked to interventions or aligned with existing trends influenced by factors such as reduced tourist flow or the pandemic.
- Implemented data-driven decision-making processes to identify high-risk areas and prioritize interventions effectively, contributing to the overall success of the road safety initiatives.

Self Diagnosis Screening System

21 Nov, 2023 - 02 Jun, 2024

Key Skills: Machine Learning HTML CSS ReactJS deep learning NoSQL NodeJS

Project Link: <https://github.com/udaykiran1612/Ai-Healthcare>

Disk Scheduling (First Come First Serve)

10 Jan, 2024 - 28 Feb, 2024

Mentor: Dr. Kanagaraju , Asst. Professor

Key Skills: HTML CSS Javascript Operating Systems ReactJS

Project Link: https://github.com/udaykiran1612/Disk_Scheduling_FirstComeFirstServe

- Developed an animated demonstration of the FCFS Disk Scheduling algorithm for SRM Virtual Labs under the guidance of Dr. Kanagaraju Assistant Proffesor SRMIST .
- This interactive simulation showcases the sequential processing of requests and includes detailed seek time calculations, providing a comprehensive educational tool for understanding disk scheduling principles.

ACHIEVEMENTS

- o Secured All India 498 Rank in SRMJEE examination
- o Secured State first Rank in Andhra Pradesh Residential Junior College Examination (APRJC)
- o Achieved 3rd Place in Code for Good Hackathon held in 2023
- o Gold Badge in SQL , Python Programming from HackerRank.

ASSESSMENTS / CERTIFICATIONS

Introduction to Machine Learning (NPTEL)

Aggregate: 49 / 100

Key Skills: Machine Learning Python

Earned a certification from IIT Madras in the NPTEL course "Introduction to Machine Learning," gaining foundational knowledge in machine learning algorithms and applications.

Data Analytics with Python (NPTEL)

Aggregate: 77 / 100

Key Skills: Data Analytics Python Statistical Data Analysis

Completed the NPTEL course "Data Analytics with Python" from IIT Roorkee, earning a Silver Badge for excellence, and gaining essential skills in data analysis, visualization, and statistical methods using Python.

Complete PYTHON Programming for Beginners

Key Skills: Python Programming

Completed the "Complete Python Programming for Beginners" course, acquiring foundational skills in Python programming and development.

Machine Learning Foundations

Key Skills: Machine Learning NumPy Pandas Data Analytics Statistical Data Analysis

Completed the "Machine Learning Foundations" course by AWS Academy, gaining a solid understanding of machine learning concepts and AWS tools.

Introduction to Data Science

Key Skills: Data Analysis

Completed the "Introduction to Data Science" course by CISCO Networking Academy, acquiring fundamental knowledge in data science principles, techniques, and tools.

SEMINARS / TRAININGS / WORKSHOPS

Data Science using Python 20 Feb, 2024 - 26 Feb, 2024

Institute Name: SRM Institute of Science and Technology , Vadapalani ,Chenna

Key Skills: Data Analysis Python

Attended a seminar on Data Science using Python, gaining insights into advanced techniques and applications in data analysis, machine learning, and statistical modeling.

Geodata Processing using Python 15 Feb, 2023 - 20 Feb, 2023

Institute Name: ISRO / IIRS

Participated in the program conducted by ISRO on Geodata Processing using Python, enhancing proficiency in spatial data analysis and geospatial technology.

EXTRA CURRICULAR ACTIVITIES

- o National Service Scheme - Role: Student Volunteer. Demonstrated commitment and dedication to social causes through participation in NSS activities, fostering positive change within the community.

PERSONAL INTERESTS / HOBBIES

- o Playing Cricket , Passionate to Music

WEB LINKS

- o Github - <https://github.com/udaykiran1612>

PERSONAL DETAILS

Gender: Male	Date of Birth: 27 Feb, 2004
Marital Status: Single	Known Languages: Telugu , Hindi ,English
Current Address: H.No: 4-46 ,Main Bazar,Near Basavanna Temple,Halaharvi ,Kurnool,Andhra Pradesh,India, Halaharvi, Andhra Pradesh, India - 518348	Phone Numbers: +91-8688499392, +91-9491857997
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