



Sai Nikhitha D

Roll No.: 124156095

BTech

CSE(Artificial Intelligence and Data Science)

SASTRA DEEMED UNIVERSITY

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GitHub Profile

in LinkedIn Profile

EDUCATION

- SASTRA DEEMED UNIVERSITY, Thanjavur** 2024
BTech, CSE(Artificial Intelligence and Data Science) CGPA: 9.23/10
- Sri Chaitanya Academy** 2020
Board of Intermediate Education, Andhra Pradesh Percentage: 97.9
- Keshava Reddy School** 2018
Board of Secondary Education, Andhra Pradesh CGPA: 10/10

EXPERIENCE

- Wells Fargo** Feb 2024 - Jun 2024
Intern Analyst(certificate) Bangalore
 - Contributed to live project enhancement by collaborating with cross-functional teams to deliver high-quality software solutions.
 - Developed and maintained backend systems, and worked on proof of concept projects showcasing modern front-end technologies. Identified process improvements to enhance system performance and reliability.

PERSONAL PROJECTS

- DevSprint:Web-Edition -Travel Blog** [Live Website Link](#)
Developed a visually appealing travel blog website using various technologies.
 - Tools & technologies used:** VS Code, Python,Django,HTML,CSS,Bootstrap
 - The website's layout automatically adapts to various devices providing an optimal user experience for all visitors.
 - Incorporated user authentication, managed data storage, and dynamically rendered content.
 - This website allows users to register/login and then create,view,like and comment on blog posts.
 - Developed this project as a team of size 5
- A Data Modelling Approach for Medical Diagnosis based on Machine Learning** [Source Code Link](#)
Developed a state-of-the-art Machine Learning based model to improvise medical diagnosis.
 - Tools & technologies used:** Google Colab, Python, Scikit-learn,Machine Learning Algorithms, Deep Learning Algorithms
 - Utilized advanced Machine learning and Deep learning algorithms to predict heart disease and eye infections.
 - Achieved Accuracy of 98.96 and 99.40 with Heart Disese and Eye Infection datasets respectively.
 - The vital role of data driven approaches in medical diagnosis is showcased emphasizing the potential for improved healthcare outcomes.
 - Developed this project as a team of size 3
- Network Attack Classification using Bot-IOT Dataset** [Source Code Link](#)
Developed a Machine Learning Model to analyse and classify various types of network attacks.
 - Tools & technologies used:** Jupyter Notebook, Python, Scikit-learn,Machine Learning Algorithms
 - Utilized machine learning techniques to identify and differentiate between normal and malicious network traffic generated by IoT botnets.
 - Achieved highest accuracy of 99.98 using XGBoost Algorithm.

TECHNICAL SKILLS AND INTERESTS

Technical Skills: C++,Python,HTML,CSS,SQL,Django,Java, Spring Boot, MongoDB

Areas of Interest: Data Structures and Algorithms, Web Development, Machine Learning, Data Analysis

Tools: VS Code,Intellij Github, Git

Other Skills: Team Management and Working abilities, Leadership, Adaptability, Multitasking, Communication Skills

SELF LEARNING AND ACCOMPLISHMENTS

- **Coursera Certified:** Machine Learning Specialization
- **Hacker Rank Certified:** Problem Solving(Basic) | Python(Basic)
- **PWC Certified:** Programming Fundamentals(Python) | IT Fundamentals | Data Engineering | RDBMS
- **Hackathon Certified:** NammaYatri Mobility Challenge

POSITIONS OF RESPONSIBILITY

- **Hospitality(College Technical Club), Member** *2021-2024*