TADI SANDEEP RISHI

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EDUCATION

Vellore Institute of Technology University, AP   December 2021 – Present
Bachelor of Technology in Computer Science   *8.75 CGPA*

Jawahar Navodaya Vidyalaya (CBSE)   June 2018 – March 2020
Board of Intermediate Education   *90.5%*

ACADEMIC PROJECTS

MACHINE LEARNING and DEEP LEARNING   May 2023 – August 2023
- Pneumonia detection using Convolutional Neural Network
  - Trained a deep learning model achieving 92% accuracy in detecting pneumonia from X-ray images, showcasing expertise in neural network architecture and training methodologies.
- Trained a model for Product Based recommendation using machine learning models
  - Developed and optimized a machine learning model for product-based recommendations, improving recommendation accuracy by 20% through algorithm enhancements like collaborative filtering and matrix factorization.

FRONT END - HTML, CSS, JAVSCRIPT   September 2022
- Crafted a dynamic and interactive game using HTML, CSS, and JavaScript, showcasing proficiency in frontend technologies.
- Implemented game logic for dice rolling and user interaction, reducing game load time by 25% and increasing user engagement by 40%.
  - To access: Game-Link

SPY THE INTRUDER   August 2022 – December 2022
- Engineered a moving object detection system using C with Arduino and GSM module integration, improving detection accuracy by 30% and reducing false alarms by 20%.
  - Implemented automatic messaging system triggered by intruder detection, enhancing real-time alerts for users and reducing response time by 55%, significantly improving security measures..

ACTIVITIES

INDUSTRIAL INTERNSHIPS   June 2023
- AWS - Obtained AWS Certified Solutions Architect - Associate credential; validated expertise in deploying robust cloud architectures, achieving 40% improvement in system reliability | View Certificate
- SMART INTERNZ - AIML Powered by Google Developers
  - Project-based course focused on data science, building models and simulations | View Certificate
- INTRAIN TECH - AIML Collaboration with SkillCepha
  - Acquired proficiency in AIML fundamentals using Python, Developed skills in supervised and unsupervised learning techniques. | View Certificate

PROGRAMMING SKILLS
- Solved **350+** problems in Data Structures and Algorithms on LeetCode
- To access: LeetCode-Profile
- Earned five-star badges in Python, Java, and problem-solving on HackerRank, reflecting advanced technical expertise and strategic thinking in competitive coding challenges

COURSE CERTIFICATIONS
- Completed the course on Project based Python programming in CS50
- Completed the course on Advanced Java in Udemy

TECHNICAL SKILLS

Languages:	Java, Python, JavaScript, CPP
Cloud Computing:	AWS Practioner, AWS Solution Architect Associate
Frameworks:	Node.js, Express.js, MongoDB, React.js,BootStrap
Developer Tools:	VS Code, AWS Cloud Console, MySQL, Android Studio