LOKESH BODDAPU

Visakhapatnam, India

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🌐 Portfolio Website

Experience

AWS CLOUD Virtual Internship   **Remote**
AICTE-EDUSKILLS   *2023*

- Gained conceptual overview of AWS services including EC2, S3, Lambda, IAM
- Understood basics of scalable cloud architecture and security
- Deployed and managed sample applications on AWS cloud infrastructure

Projects

Time Table Generator | *Django, Python, Genetic Algorithms*   **GitHub Link**

- Developed a responsive web application that automates academic schedule creation
- Implemented genetic algorithms to optimize classroom allocation and resolve scheduling conflicts
- Technology Used: Django, Python, HTML, CSS, JavaScript, Bootstrap

Disease Prediction Model Comparison | *Python, Scikit-learn, Pandas*   **GitHub Link**

- Cleaned raw healthcare data and developed multiple machine learning models (Decision Tree, Random Forest, Naive Bayes, KNN) to predict diseases based on user-input symptoms
- Evaluated models using accuracy score and confusion matrix to compare performance
- Technology Used: Python, Scikit-learn, Pandas, Matplotlib

Tesla Stock Prediction | *Python, TensorFlow, NLTK*   **GitHub Link**

- Created machine learning model for stock price prediction using LSTM neural networks
- Incorporated sentiment analysis from financial news and social media for improved accuracy
- Technology Used: Python, TensorFlow, NLTK, Pandas, NumPy

Technical Skills

Programming Languages: Python, Java, C/C++, SQL
AI Technologies: Machine Learning, Deep Learning, NLP, Scheduling Algorithms, Genetic Algorithms
Libraries & Frameworks: NumPy, Pandas, TensorFlow, PyTorch, Scikit-learn, NLTK, Flask, FastAPI
Developer Tools: Git, GitHub, VS Code, Conda, Jupyter Notebook
Databases: MySQL
Cloud Platforms: AWS (EC2, S3, Lambda, IAM), GitHub Pages
Soft Skills: Problem Solving, Self-Learning, Presentation, Adaptability, Team Collaboration, Agile Practices

Education

Bachelor of Technology in Computer Science and Engineering (AI & ML)   **CGPA: 8.55 (Till Date)**
Gayatri Vidya Parishad College of Engineering (Autonomous), Visakhapatnam   *2022-26*

Relevant Coursework

- Data Structures
- Algorithms
- OOP
- Database Systems
- Operating Systems
- Machine Learning
- Deep Learning
- NLP

Positions of Responsibility

Head Organizer, Intra-College Basketball Tournaments   **GVPCE(A), Visakhapatnam**
Organized and managed tournaments involving 50+ participants   *2022-Present*

Achievements

National Semi-finalists in Tata Imagination Challenge 2024   **Tata Group**
Achievement   *2024*

Interests & Activities

Competitive Programming
Solving algorithmic challenges on platforms like LeetCode and coding competitions

Basketball
Playing basketball to improve teamwork and maintain physical fitness