PULUKAM PAVAN KUMAR

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EDUCATION

FLORIDA ATLANTIC UNIVERSITY   **MAY 2025**

Data science and business analytics   *CGPA: 3.85*

SKILLS SUMMARY

- **Languages:**   Python
- **Databases:**   MySQL, Oracle SQL
- **Machine learning:**   Supervised learning, Unsupervised learning, Deep Learning, NLP.
- **Libraries:**   pandas, Numpy, Tensor flow, Matplotlib.
- **Framework / Tools :** Google colab, Jupyter, Tableau, Power BI
- **Soft skills:**   Critical thinking, Problem solving skills, Communication.

WORK EXPERIENCE

Capgemini - Technical Training (Data Analyst) (2022)

- Completed hands-on training in Python, SQL, and Cloud Computing.
- Developed proficiency in data analysis, database management

Internship - Deep learning and NLP

Project: Resume Classification Using Deep Learning.

- Developed an automated resume screening system using NLP and deep learning models (LSTMs).
- Optimized classification accuracy by 20%, improving recruitment efficiency.

Project - Stock market price prediction using machine learning

- Implemented XGBoost, Random Forest, and LSTM models to predict stock trends with 85% accuracy.
- Conducted feature engineering, hyper-parameter tuning, and data preprocessing.

PROJECTS

Liver Cirrhosis Prediction Using Machine Learning

- Built a predictive model using XGBoost, Logistic Regression, and MLP.
- Achieved an 87% accuracy rate, aiding early disease detection.

Facial Recognition Using Convolutional Neural Networks

- Designed a CNN-based facial recognition system with an accuracy of 92%.
- Utilized OpenCV, TensorFlow, and data augmentation techniques.

CapitaLeap: Stock Market Analysis & Investment Advisor

- Developed an AI-driven stock recommendation model during a hackathon.
- Improved investment decision accuracy using sentiment analysis and trend forecasting.

CERTIFICATIONS

- Hackathon Participant (Call for Code, IBM, IEEE, NextEra Energy, Synergist)
- Machine Learning Specialization - University of Michigan (Coursera)
- CCNAv7: Introduction to Networks - Cisco
- IT Essentials & Introduction to IoT - Cisco
- Fundamentals of Cloud & Network Security - Palo Alto Networks
- Security Operations Center (SOC) Fundamentals - Palo Alto Networks

ADDITIONAL INFORMATION

- Languages: English, Telugu, Hindi
- Availability: Open to internships and full-time roles in Data Science, Machine Learning, and AI
- Work Authorization: Eligible to work in the U.S.