

PULUKAM PAVAN KUMAR

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EDUCATION

FLORIDA ATLANTIC UNIVERSITY

AUGUST 2023 - MAY 2025

Masters in Data science and business analytics

CGPA: 3.85

RELAVENT COURSE WORK

Intro to data science, Intro to business analytics and big data, Deep Learning, DBMS, Social media and web analytics, Data Mining and Machine Learning, Cloud Security, Gen AI, Information Retrival, AI.

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 (Analyst Position)

August 2022 - February 2023

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

Internship - Excelr solutions (Data Scienece)

February 2023 - August 2023

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
- Cybersecurity & Cloud Security Certifications (Palo Alto Networks):
 - Fundamentals of Cloud Security
 - Fundamentals of Network Security
 - Introduction to Cybersecurity
 - Security Operations Center (SOC) Fundamentals

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.