YASHAS CHANDRA BATHINI

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🔗 https://yashas144.github.io/web/

PROFILE

An ambitious and creative graduate in Information Technology with a strong academic background. Motivated and meticulous mindset to complete tasks efficiently and effectively. At present pursuing Master's in Data Science at the University of North Texas. Proficiency in Python, Java, ReactJS, and JavaScript. Internship Experience in data analysis, data visualization, Artificial Intelligence, and Machine Learning models.

EDUCATION

Master of Science - Data Science
University of North Texas
08/2024 – 05/2026
Denton, Texas
- **GPA: 4 / 4 CGPA.**
- **Relevant Coursework:** Supervised and Unsupervised Machine Learning Methods, Deep Learning, Foundations of Artificial Intelligence, Software Development for AI-based systems, Neural Network Architecture, Fundamentals of Data Science, Principles & Techniques for Data Science, Data Visualization, Discovery & Learning with Big Data, and Applied Machine Learning for Data Scientists.

Bachelor of Technology - Information Technology
Jawaharlal Nehru Technological University, Hyderabad
09/2020 – 04/2024
Hyderabad, India
- **3.7 / 4 CGPA,** Ranked in Top 10 % of class
- **Relevant Coursework:** C, Java, Python, Computer Networks, Data Structures and Algorithms, Software Engineering, Web Application Development, Blockchain Technology, Cyber Security, MySQL, Artificial Intelligence, Machine Learning, Operating Systems, Probability and Statistics, Internet of Things.

SKILLS

Artificial Intelligence / Machine Learning:: Fundamentals of Artificial Intelligence, The Architecture, Project Management and Security of AI-Based Systems, Familiar with Artificial Neural Networks, Pattern detection, Clustering, Regression, Ensemble modeling, Forecasting, Support Vector Machine, Random Forest, Tensorflow, Keras, PyTorch, PySpark, Seaborn, and Scikit-learn.

Data Science: Tableau, NumPy and Pandas.

Programming languages: Python, Java and C

Web application development: React JS, Node JS, HTML, CSS, JavaScript.

Cloud: AWS

DBMS: Relational and Cloud databases: MySQL, SQL Server, and Snowflake DB.

Computer Networks, OS and Embedded Systems: Routing protocols, TCP/IP, UDP, Linux, Arduino, Raspberry Pi.

Software Engineering Methodologies: Agile, Scrum

Adept in communication and interpersonal skills.

PROJECT EXPERIENCE

Incident Resolution Time Predictor
University of North Texas
09/2024 – 12/2024
- **Tools & Technologies**: Python, Sci-kit Learn, Pandas, Seaborn, PySpark, Jupyter, Tableau, MySQL.

Research Project: Building a Generative Adversarial Network using Image Synthesis
Research paper: https://ijsrem.com/download/building-a-generative-adversarial-network-for-image-synthesis/
01/2024 – 04/2024
- **Tools & Technologies**: Python, Deep Learning, Neural Networks, Variational Autoencoders, TensorFlow, PyTorch, Stable Diffusion Pipeline.

DiaPredict
Leveraged Machine Learning techniques to accurately classify diabetic individuals
08/2023 – 11/2023
- **Tools & Technologies**: Python, HTML, CSS, SQL, PyCharm, Streamlit, MySQL.

PROFESSIONAL EXPERIENCE

Artificial Intelligence / Machine Learning Internship
Nexus Info
01/2024 – 02/2024
- **Tools & Technologies:** Python, Named Entity Recognition, NumPy, Pandas, Seaborn, Scikit-learn, Tensorflow, Keras, Tableau, SQL, Microsoft SQL Server, Visual Studio (VS) Code, Microsoft PowerPoint.
- Built and optimized ML models improving model accuracy by 15% on datasets with 100K plus rows.

CERTIFICATIONS

Machine Learning with Big Data Coursera	**Introduction to Data Science** Cisco	**Career Essentials in Generative AI** Microsoft and LinkedIn
AWS Fundamentals: Addressing Security Risk Coursera	**AWS Fundamentals: Migrating to the Cloud** Coursera	**Python Essentials - 1** Cisco