

HRUSHIKESH CHOWDARY UPPALAPATI

Arlington, Virginia 📞 +1 (571) 397-6775

✉ hrushikeshu.14@gmail.com

🌐 [linkedin.com/in/hrushikesh-uppalapati/](https://www.linkedin.com/in/hrushikesh-uppalapati/)

EDUCATION

George Washington University

Master of Science in Data Science (GPA: 4.00/4.00)

August 2023 - Present

Washington DC, USA

Vellore Institute of Technology

Bachelor of Technology in Computer Science Engineering spec. AI (GPA: 3.63/4.00)

July 2019 - May 2023

Andhra Pradesh, India

TECHNICAL SKILLS

Languages: Python, Java, HTML/CSS, SQL, R

Developer Tools: Eclipse, Netbeans IDE, R-Studio, GitHub, Git, Jupyter Notebook, Google Collab, Tableau, Power BI, BigML, MySQL, MongoDB, Cassandra, Neo4j, MATLAB, Visual Studio, Google Cloud Platform, Visual Studio, TabPy

Technologies/Frameworks: OpenCV, ggplot2, Matplotlib, Pandas Tensorflow, Time, Natural Language Toolkit, Numpy, YOLO, Statsmodel, Math, Keras, scikit-learn, Seaborn, MediaPipe, Keras, PyTorch, Prophet, Plotly, D3.js, AutoML

Big Data and Cloud Technologies: AWS S3, AWS Lambda, AWS Glue, Amazon SageMaker, Amazon QuickSight, Kubernetes, Microsoft Azure

EXPERIENCE

Data Scientist Intern | Mobisy Pvt Technologies

September 2022 - July 2023

- Deployed a machine learning model using Python to predict user churn with 85% accuracy, enabling targeted interventions and improving retention across all product lines.
- Translated complex streaming data into 5+ clear visualizations and presented actionable insights to non-technical stakeholders, fostering alignment across product and marketing teams.
- Optimized customer notification timing using scikit-learn, boosting click-through rates by 15% and reducing fatigue by 10%, and took initiative in expanding ownership of deployment cycles and model enhancement initiatives.

PROJECTS

Impact of Weather on Energy Consumption Using AWS Cloud Services. | GWU

August 2024 - December 2024

- Built and compared ML models (Random Forest, AutoML) using AWS Glue, SageMaker, and QuickSight to forecast energy consumption from 1973–2024.
- Delivered an R^2 of 0.95 and RMSE of 0.209 using AutoML, outperforming manual models.
- Random Forest being the best manual model achieved R^2 of 0.904 and MSE of 0.07391, demonstrating strong generalization.
- Identified month, temperature, and year as key drivers of energy demand, uncovering seasonal peaks in winter and long-term trends linked to industrialization.

Starbucks Customer Segmentation and Offer Success Prediction. | GWU

August 2023 - December 2023

- Collaborated with a team to segment 17,000+ Starbucks customers using K-Means clustering based on demographics and offer interaction data, and designed a custom offer success metric for BOGO, Discount, and Informational campaigns.
- Delivered and explained predictive insights from Logistic Regression with 0.97 AUC and 0.91 AUC using Decision Trees to peers and instructors, enabling precise, data-driven marketing strategies.

Multi Feature Evaluation On Facial Data Using CNN. | VIT

August 2022 - December 2022

- Collaborated in a 3-member team to develop a real-time facial analysis system using pre-trained CNNs to predict age (0–100), gender (96%), emotion (93%), beard presence, eye/mouth status, and blink count.
- Integrated MediaPipe (468 face landmarks), OpenCV, and TensorFlow to enable high-precision face tracking and visual feedback for biometric and behavioral applications in HCI, surveillance, and access control.

CERTIFICATIONS

- Certification of Machine Learning Masters- iNeuron
- Certification of Salesforce AI Specialist- Salesforce
- Red Hat OpenShift Development I: Introduction to Containers with Podman- Redhat
- Red Hat OpenShift I: Containers Kubernetes - Redhat
- Certification of Introduction to R- Datacamp