Aniket Wattamwar

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EDUCATION

California State University, Fullerton — Fullerton, CA
Masters in Computer Science - 3.54/4 — *Aug. 2022 – May 2024*
Coursework: Artificial Neural Networks, Web-backend Engineering, Data Structures and Algorithm Engineering, Software Design and Architecture

Vishwakarma Institute of Technology, Pune — Pune, IN
Bachelor's in Electronics Engineering - 9.2/10 — *Aug. 2016 – Oct 2020*

TECHNICAL SKILLS

Programming Languages: Python, C/C++, Java, SQL, AWS RDS, HTML/CSS, Bootstrap, Javascript
Machine Learning: pandas, NumPy, Matplotlib, seaborn, scikit-learn, tensorflow, keras, OpenCV, AWS ML services
Frameworks: Flask, FastAPI, Django, WordPress, Amazon Web Services(AWS), Linux, React, Node.js, MongoDB
Developer Tools: Git, GitHub, Postman, Instabase, VSCode, AppDynamics, Splunk, Jenkins, SAS Viya
Personal YouTube Channel - Hackershrine: Content on Python, AWS, Machine Learning, Full Stack development

EXPERIENCE

Software Developer Intern — June 2023 – Aug 2023
Lumen Technologies — *Denver, CO*
- Designed forecasting models like ARIMA, SARIMAX and created a webapp using Python-Flask, MongoDB
- Developed a clustering algorithm on Text data using Sentence Transformers and Scikit-learn

Research Assistant at CEDDI Lab — Januray 2023 – Present
California State University, Fullerton — *Fullerton, CA*
- Developed a real-time dashboard for tracking the Lassa Fever in 5 regions of West Africa
- Created dashboard using PowerBI, Python, Streamlit with data visualization libraries like seaborn, matplotlib

Software Engineer — Sept 2020 – Jul 2022
HSBC Technology, India — *Pune, IN*
- Deployed XGBoost scikit-learn Machine Learning models on 100+ SAS servers
- Integrated ML/H2O models with SAS Viya on 25+ environments
- Designed an automated revival solution to reduce production downtime
- Accomplished extracting data using OCR algorithms and performing Document Classification using Instabase

PROJECTS

Connect - Bridging the Gap | *Python, Flask, HTML/CSS, AWS RDS(MySQL), MongoDB* — March 2023 - May 2023
- Designed and developed a full-stack web application to connect restaurants with NGOs
- Learned AWS RDS with SQL and its application with python boto3 library along with MongoDB Database
- Hosted the web app on Elastic Beanstalk with AWS EB CLI

Full stack Machine Learning Webapp | *Python, Django, HTML/CSS, Bootstrap* — Jul 2021 - Aug 2021
- Developed a Full Stack ML application that allows users to choose different algorithms to train and test data
- XGBoost and Logistic Regression model both yield an accuracy of approximately 87%
- Check out the videos: Telecom Churn Prediction

AWS with Flask | *Python, Flask, AWS RDS, DynamoDB, AWS SNS, AWS Lambda* — Sept 2020 - Dec 2020
- Implemented a web app to upload a file to S3 and programmed the Textract API to extract the data to display back on the webapp
- Crafted a login and signup webpage with AWS RDS database and DynamoDB to insert, read, write, delete operations
- Refer to all applications here: AWS Python Flask Webapps

AWARDS AND RECOGNITION

- Attended and successfully completed 2 Hackathons at UCLA LAHacks'23 and TreeHacks Stanford
- Selected for AWS Community Builder 2023-24 program for creating valuable content on AWS