

Aniket Wattamwar

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EDUCATION

California State University, Fullerton

Fullerton, CA

Masters in Computer Science - 3.68/4

Aug. 2022 – May 2024

Coursework: Artificial Neural Networks, Web-backend Engineering, 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++, SQL (MySQL), AWS RDS, AWS DynamoDB, HTML/CSS, Bootstrap

Machine Learning: pandas, NumPy, Matplotlib, seaborn, scikit-learn, tensorflow, keras, OpenCV, AWS ML services

Frameworks: Flask, Django, WordPress, Amazon Web Services(AWS), Linux

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

Research Assistant at CEDDI Lab

Januray 2023 – Present

California State University, Fullerton

Fullerton, CA

- Developing a real-time dashboard for tracking the Lassa Fever in 5 regions of West Africa
- Strengthening contact tracing to reduce the spread of Lassa

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

Shop and Go WebApp | *Python, Django, HTML/CSS, AWS RDS(MySQL)*

Aug 2022 - Present

- Designed and developed a full-stack Ecommerce web application which allows user to shop different products
- Learned AWS RDS with SQL and its application with python boto3 library
- Hosted the webapp 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](#)

Healthify WebApp | *Python, Flask, OCR, MySQL, OpenCV*

May 2019 - Jul 2019

- Constructed a webapp to buy health products and connected a recommendation engine to suggest the best products to buy
- Improved the webapp by adding an OCR engine to analyze user receipts to acquire points

AWARDS AND RECOGNITION

- The top 26% were selected for AWS Community Builder 2021-22 program
- Recognized and awarded 'Pat on the back' award by HSBC for Q2 2021 for contributing to the deployment of ML models