

## CAREER SUMMARY

Over 4 years of experience in financial services industry, implementing solutions for real world business problems. Passionate about developing DL based solutions to resolve health-care issues and impact humanity.

## EDUCATION

University of Mumbai, Mumbai, India

Aug 2013 – July 2017

Bachelor of Engineering in Information Technology (CGPA: 8.16)

Class Rank: **1 out of 120**

University Rank: **13 out of 5500**

## SKILLS

**Programming Languages:** Java, C, C++, JavaScript, Python, SQL, HTML5, CSS3

**Frameworks/Tools:** Git, Jenkins, Angular, Spring Boot, Pentaho, Drools, AWS, Kafka, Tableau, RASA

**Libraries:** PyTorch, NumPy, Pandas, Matplotlib, Scikit-learn

## WORK EXPERIENCE

JP Morgan Chase & Co, Mumbai | Associate, AWM Technology

July 2017 – Present

Spearheaded Agile Transformation for 100+ members global team, prioritized Project delivery by leading as Scrum Master, modernized architecture by Introduction of CICD pipeline (using JULES), undertook cloud adoption and deployed applications in AWS. Mentored 200+ college students to work on the initiatives for building sustainable tech solutions for non-profit organizations as an expert programmer at Code for good (Technology for social good) program. Achieved a fast-track advancement (2-yr) from Technology Analyst to Associate.

### ❖ Strategic Performance Calculation and Reporting Platform

Developed a dynamic real-time performance analytics platform, responsible for data management, contribution, and attribution, thus decommissioning a vendor application and saving firm licensing fee of \$1.8B annually.

### ❖ Quarterly Production Reporting

Developed an application to generate client summary reports every quarter by collaborating with applications across the Wealth management platform; onboarded 16M accounts to the platform.

### ❖ Project Freedom

Migrated the Project Freedom Performance platform from Albridge (third party wealth reporting tool) to a JP Morgan in-house performance system that improved the operating model, reduced the infrastructure costs.

### ❖ Symphony Chatbot

Developed a python chatbot using RASA framework to retrieve the account details instantly, thus reducing 3 hours of manual effort spent daily by the operation users.

### ❖ Customer Churn Analysis

Built a Machine Learning model using Random Forest Classifier algorithm and XGBoost to predict the customer churn rate, thus helping the firm take measures to retain the clients.

## OTHER PROJECTS

COVID-19 twitter bot

March 2021 – May 2021

- ❖ Developed a python bot to scrape tweets comprising available covid resources like oxygen, ICU beds, plasma etc; integrated it with an AWS lambda service to perform pre-processing using NLTK, spacy to update covid website, thus helping 10k+ Indian citizens to meet urgent needs.

Breast Cancer Detection System

- ❖ Developed a deep learning based breast cancer detection model for scale invariant detection of masses and calcifications.

## PUBLICATIONS & ACHIEVEMENTS

- ❖ Published a technical paper on "**A Survey on Clickjacking and Tapjacking**" in International Journal of Innovative Research in Computer and Communication Engineering, 2015, vol 3, Issue 12.
- ❖ Certificate of Recognition by JP Morgan Chase for delivering a critical reporting application during COVID-19.
- ❖ Best Student, Outstanding Girl Student and Student of the Year excellence award by Somaiya University.
- ❖ Certificate of Merit by Mumbai Police for securing the highest percentage (100%) throughout Maharashtra in the Secondary School Certificate examination. (Grade 10th)