

Ajinkya Jawale

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EDUCATION

Bachelor of Computer Engineering, University of Pune,

GPA: 8.4 / 10

June 2020

PROFESSIONAL EXPERIENCE

Data Engineer – Data Science & ML Engineering Team – Wizely, Bangalore

July 2020 – Present

- Built & Deployed Hidden Markov Models & NLP Models in Production for extracting data in real time & Data Engineering Architecture for Real time Data Streaming which reduces SMS loading time into System
- Implemented Data Science architecture - AWS Lambdas and AWS SNS, AWS SQS for AI Driven Smart Notifications and Nudge Engine
- Built Complex **ETL** Data Pipelines for financial products, Data Modelling. Creating & Maintaining Apache-airflow data pipelines and **Postgres** Data warehouse
- Implemented Statistical **Hypothesis Testing**, Regression & Classification, Customer Segmentation - Retention & Marketing Predictive data Models using SVM, Decision Trees, XGBoost, Random Forrest, Clustering Algorithms & **Time Series Analysis**
- Generated More than 500 Financial reports for Businesses. KPI & OKR Dashboards for Marketing, Product, Operations & Growth Teams using **Data Visualization**
- Tools:- Python, Pandas, Apache-airflow, Apache Flink, SQL, Redash, PostgreSQL, Google Big Query, AWS Lambda, MongoDB, Messaging Queues, RabbitMQ, Jupyter-notebook

Machine Learning Intern

NASSCOM, Kharadi, Pune

Mar 2019– May 2019

- Created Machine learning model for Mobile app Backend detecting 1.5 M Traffic violations with 78% Accuracy.
- Tools:- **Tensorflow**, Keras, OpenCV, **Python**, **MongoDB**, JavaScript, **REST APIs**.

PROJECTS

Jeevn.ai – Web Platform for Medical Image Processing

Academic Research Project

- Python web application which helps doctors in diagnosis of patients. **Deep learning** Classifier for detecting the disease in patients using X-ray & MRI scans using RestApi.
- **Tools:-** Python, Tensorflow, Django, RestApi, MySQL

AI based Courses Recommender System

Thoughtworks Hackathon

- Web application to keep track of student performance and using Predictive analytics, MongoDB & **RestAPIs**

SKILLS

Programming: Python, Java, SQL, C/C++, Unix, R, Go.

Databases: Postgres, MySQL, MongoDB, NoSQL, RDBMS.

Tools: Git, Eclipse, Pycharm, TensorFlow, Pytorch, Numpy, Scikit-learn, Pandas, Django, **AWS**, **Airflow**, **Flink**, **Spark**

Technical Skills: Data Structures & Algorithms, Full Stack Development, Data Analysis, System Design, SDLC, **OOPS**.

RESEARCH PUBLICATION

Research Paper: *International Research Journal of Engineering & Technology (Impact Factor- 7.34)*

Dec 2019

Big Data Analytics Web Platform for Clinical Data

Winner – Smart India Hackathon 2020

EXTRA CURRICULAR

Competative Programing, Intel Student Innovator, Reading, Swimming, NSS.