

SUYASH JAWALE

Pune, IN | Mo.: +91 9545973154 | suyashjawale245@gmail.com | [Github](#)

WORK EXPERIENCE

TATA CONSULTANCY SERVICES

Pune, IN

Engineer

Jan 2021 – Current

- Built Course Recommendation Engine using Tensorflow Deep Learning to integrate with the organization's Learning portal, which produces personalized recommendations for 6,00,000 + employees based on previous interests and history, saving 10 hours per week of manual work.
- Developed a Machine Learning Model for predicting employee attrition throughout the organization, which monitored employee activities based on 50+ attributes.
- Implemented a pipeline to send email to the HR team if an associate occurred under the category of getting attrited. Resulting in significant employee retention. POC APIs made in Flask.
- Worked extensively on data pipelines to aggregate data from different sources.
- Designed an app for the QA Team to auto-generate selenium code from a given context with the help of OpenAI GPT-3.
- Improved existing ML algorithm code to train on minimal processing power (Idle on-premise servers), which helped reduce cloud server costs.
- Heavily worked on Data Analysis, Data Engineering, Data Processing using Python Programming to generate useful insights for Dashboards Development.

Freelancer

Pune, IN, 2021

- Responsible for developing API built with Express.js for client projects.
- Designed an automated Python DEO system for the frontline covid site to update records, saving 5 hours per day of manual work for each worker.
- Developed a OCR Pdf document parser to extract individuals' health records and transfer them to the cloud database.

SKILLS

Languages: Python, Javascript, Java, SQL, Node Js

Other: Tensorflow, Sklearn, Git, NoSQL, Aws, Unix, MongoDB, Redis e.t.c

Interests : Machine Learning, Deep Learning, Backend Development

PROJECTS

AI Caption Generator

July 2022

- Recognizing the context of an image and annotating it with relevant captions using deep learning and nlp.
- Model built using transfer learning built on top of vgg16 and Resnet50.
- NLP part uses word2vec and glove to create word embeddings and to train similar captions.

InstagramCLI

Sep 2021

- InstagramCLI is the python mining library made by reverse-engineering the Instagram API calls.
- Tool to scrape images, videos and metadata from Instagram.
- It can be used as a data- gathering tool for data science and osint practices
- For more details. - [InstagramCLI](#)

Jarvis / Friday

- 2020

- AI assistant web-app with voice search functionality built with flask python, termux, termux-api, tasker to automate tasks.
- Tasks include weather forecast, Covid cases count, gold rate search, monitoring insta profiles, getting stock prices, finding songs, playing songs, sending automated whatsapp messages, calling contacts, clicking photos, finding movies on torrent, downloading movies, playing radio. e.t.c
- For more details. - [Friday](#)

EDUCATION

PUNE UNIVERSITY

Pune, IN

Masters in Computer Science

Jul 2020 - Jul 2022