

# Abhishek Vaid

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My Portfolio Website- [https://abhishekvaid13.github.io/Abhishek\\_portfolio\\_3/](https://abhishekvaid13.github.io/Abhishek_portfolio_3/)

Kaggle - <https://www.kaggle.com/abhishekvaid19968>

GitHub - <https://github.com/abhishekvaid13>

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## EDUCATION

### SAN JOSE STATE UNIVERSITY

2021 August-2023 May [Expected]

#### *Master's, Computer Science*

Current GPA: 3.7/4.0

### SRM Institute of Science and Technology, Chennai, India

Aug 2014-May 2018

#### *Bachelor of Technology, Computer Science Engineering*

GPA: 3.5/4.0

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## TECHNICAL SKILLS

- **Programming** – Python, C/C++, Java, Data Structures, Algorithms, OOP, Debugging.
- **Data Pipelining** – ETL Tools, Data Warehousing, Apache Beam/Dataflow, BigQuery, BigTable
- **Data Preprocessing** – Python, Numpy, Pandas, SQL, Advance Excel, Scikit-learn Web Scrapping, JSON files, BS4, Selenium and Scrapy.
- **Data Visualization** – Matplotlib, Seaborn, Plotly, ggplot, geoplotlib, Tableau
- **Agile and other skills** – Jira, Scrum, Linux OS, Power BI, Tableau
- **Deployment and API** – Azure, AWS, GCP, Docker, Kubernetes, Amazon Microservices, Heroku, Flask and Django, Bit Bucket, Git, Fast API, RabbitMQ, Kafka, Tokenization.
- **Machine Learning** – Tensorflow, Keras, PyTorch, Artificial Neural Networks, Natural Language processing (NLP), Pytorch Forecasting, XGBOOST, Speech Recognition, Regression algorithms, Classification Algorithms, Hyperparameter optimization, Image Recognition and OpenCv.
- **Databases and management** – Redis Cache, MongoDB, Dynamo DB, MySQL

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## PROFESSIONAL EXPERIENCE

### ScoreMe Solutions Pvt Ltd

July 2020 - August 2021

#### *Full Stack Python Developer*

- Here I made advanced Selenium Web Scrappers, API's, Chat Bots and image text recognition fintech software.
- Worked on AWS Microservice architecture and made docker based AWS Lambda deployment pipelines
- I also worked in NLP, Machine learning, Artificial intelligence and expertise in computer vision.

### Emerging India Analytics

December 2019-July 2020

#### *Data Analyst intern*

- Worked in data preprocessing, data analysis and model building.
- Expertise in NLP, Spacy, Pytesseract, PDF data automation and Data Visualization Tableau

### British Telecom

July 2018-May 2019

#### *Network planner and Design Associate*

- Planned and designed networks laid across United Kingdom. Worked in Python automation for design tools.

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## PROJECTS (PROFESSIONAL AND PERSONAL)

### **Advance Web Scrapping Bots ([LINK](#))**

- Did Web Scrapping on 100+ websites to fetch data like KYC, GST, ITR and made Fintech software.
- Made deployment environment-based pipelines for AWS lambda and EC2 servers.

### **COMPLETE AUTOMATED MACHINE LEARNING APPLICATION ([LINK](#))**

- This application trains and builds model for your data by using your preferred training algorithm.
- Spans algorithms like – Regression, Classification, XGBOOST, SVM, Random Forest etc.

### **Flask API with two Postgresql and Mysql coupled database end points ([LINK](#))**

- Flask and Django Api's with multiple database end points

### **COVID-19 Awareness Saves Life (Python, SQL, Excel) ([LINK](#))**

- Impact of journal publication on Covid-19 Awareness and saving lives.

### **Complete Data Visualization using Matplotlib, Seaborn, Plotly & Tableau([LINK](#))**

- One of the biggest Data Visualization works available on Kaggle. Spans every visualization technique.

### **PDF data extraction, complete Python NLP automation of ITR, GST, BSA for Bank clients**

- Pdf data extraction complete automation using NLP, PDF miner and Pdf plumber.