



Palash Shinde

Machine Learning Engineer

Machine Learning Engineer with strong math background and **2+ years of experience** using predictive modeling, data processing, and data mining algorithms to solve challenging business problems. Passionate about deep reinforcement learning with a keen desire to work in a pragmatic way and build a career in Analytics Industry.

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SKILLS:-

Python, Flask

Git, Bit Bucket

C++

Hadoop, Spark, Apache

Docker

Linux, Windows

SQL , MongoDB

WORK EXPERIENCE:-

Job Title - **Machine Learning Engineer**

(Feb'2019 -Present, Nagpur, India)

Company - Konverge.ai

Projects:-

Text Data Extraction from Electronic Health Records:-

- Extracted text from electronic health records using Tesseract OCR.
- Identified key-value pairs, tabular data, headers and footers in EHR.

Medical Image Segmentation and Detection of Pathogens:-

- Performed segmentation on slides (images) to create binary masks using OpenCV.
- Successfully developed and trained UNet and Mask-rcnn Deep learning model to perform pixel level classification of slides.
- Learnt and Implemented several state of the art deep learning architecture of CNN, RNN, LSTM, GAN's and RL algorithms. Hands on experience with Image Classification, Object detection, Semantic Segmentation in Python, PyTorch, Tensorflow, Keras, OpenCV.

Job Title - **Machine Learning Engineer Intern**

(July'2018-Jan'2019, Pune, India)

Company – Data Science Python Academy

- Statistics and Linear Algebra: - Learnt how statistic and linear Algebra concepts are implemented to build ML Libraries & techniques.
- Data Analysis: - Learnt data analysis using Numpy, Pandas, Matplotlib, Seaborn etc.
- Python, ML & Deep learning libraries: - Worked on Kaggle datasets in python using ML & DL models such as Linear Regression, logistic Regression, KNN, SVM, T-SNE, PCA, SGD, Naive Bayes, LSTM, RNN , RASA NLU, NLTK.

Job Title - **Financial Data Analyst**

(Sept'2017- July'2018, Mumbai, India)

Company - SS&C GlobeOp Financial Services

- Involved in extracting data from multiple sources such as SQL Server, DB2, and excel by using SQL in analysis, and VBA technics to meet business requirements.
- Used t-SQL script to create dynamic SQL queries in order to streamline the creation of monthly, annually and other regularly report.
- Executed SQL queries to prepare reports on daily P&L on client's portfolio.
- Built and maintained SQL scripts, indexes, and complex queries for data analysis and extraction for varies projects.
- Extracted data from SQL server database tables into flat data files and excel sheets using table export and BCP for easy data migration.
- Loaded flat and excel files into access database and developed SQL scripts to create desired queries (views) for data analysis.
- Assists with reporting for monthly closing funds, including the preparation of a month end reporting package.

Education:-

Yeshwantrao Chavan College of Engineering (Y.C.C.E)

(May'2013-May'2017, Nagpur, India)

- Bachelors of Engineering in Electronics **(B.E) : CGPA - 7.49/10**

Major Hemant Jakate Science College

(May'2011-May'2013, Nagpur, India)

- Higher Secondary Certificate **(12th) : 81.5%**

Prerna Convent High School

(Nagpur, India)

- School Certificate examination **(10th) : 89.27%**

Interest:-

- Avid Reader and Writer on Quora, Medium about AI, ML, Block chain & latest emerging tech.
- Tech Enthusiast and ICO investor in AI-ML, Block chain projects.
- Member and volunteer for Robin Hood Army,Nagpur.
- Represented M.H.J. College in the Inter College Swimming Tournament.
- Traveling ,Cycling, Hiking.

