

AVNISH PAL

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in avnish-pal

bovem

EXPERIENCE

Software Quality Engineer Intern

Red Hat

July 2021 - Present

Pune, India

- Part of **Certification QE** Team.
- Working on **Red Hat Enterprise Linux (RHEL)** certification pipeline for **Google Cloud Platform (GCP)** VM instances.

Machine Learning Scientist

Taiyō AI

Jan 2020 - June 2021

Remote

- Member of University of California Berkeley Skydeck Fall 2020.
- Implemented ML Pipeline for Monthly Steel Exports of China consisting models like **LSTM**, **GRU**, **CatBoost**, etc.
- Working on **Grafana** and **Django** based web application dashboards for clients like **Tata Steel**, **Bouygues**, and **Bloomenergy**

Machine Learning Scientist Intern

Taiyō AI

Sep 2019 - Dec 2019

Remote

- Worked on a **trader** agent that benchmark-ed at **22% annual returns**, consistently beating **S&P 500**.
- Researched and implemented **classification models** on **financial time-series data**.

PROJECTS

Portfolio Simulation (Stock Portfolio Backtesting)

python, pyportfolioopt

March 2021 - June 2021

- Created modules for **fetching, cleaning and processing intraday OHLC data** from NSE.
- Backtested portfolio optimization algorithms** in a stock market simulation environment.

DataWiz (Data Pipeline GUI Application)

python, django, dash, plot.ly, bootstrap

October 2020 - December 2020

- End-to-End **data science pipeline application**.
- Supports data import, processing, cleaning, visualization, machine learning algorithms and export.

OpenCourser (Flutter Mobile Application)

dart, flutter, firebase

March 2019 - April 2019

- Search engine** for online learning resources.
- Supports user contributions, reviews, and upvotes.

CERTIFICATIONS

- Red Hat Certified System Administrator (RHCSA) RHEL8 - Red Hat
- Problem Solving - HackerRank
- Deep Learning with Python - DataCamp
- Portfolio Risk Management with Python - DataCamp
- Docker Labs - KodeKloud
- Statistical Thinking in Python - DataCamp

EDUCATION

Bachelor of Technology (IT)

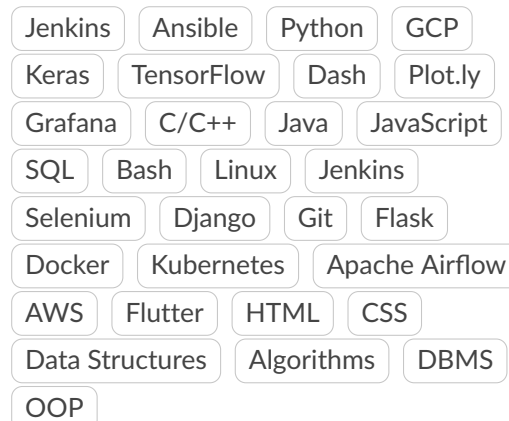
Guru Gobind Singh Indraprastha University

Jun 2017 - Jul 2021

Delhi, India

- CGPA: 7.58

SKILLS



BLOGS

Linear Algebra

Medium Publication

BOVEM

Personal Blog

OPEN SOURCE CONTRIBUTIONS

- Flaskerizer
- AIS API

ACHIEVEMENTS

- 5* (Python) on HackerRank
- Scholarship Recipient of AWS Machine Learning Program 2021