

AVNISH PAL

@ avnishnish07@gmail.com

☎ (+91) 8588064883

📍 Delhi, India

🔗 bovem.netlify.app

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.

EDUCATION

Bachelor of Technology (IT)

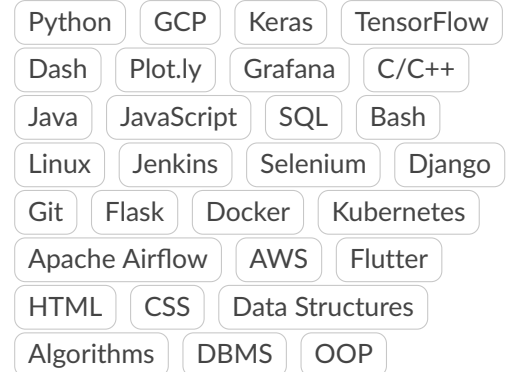
Guru Gobind Singh Indraprastha University

📅 Jun 2017 - Jul 2021

📍 Delhi, India

- CGPA: 7.58

SKILLS



OPEN SOURCE CONTRIBUTIONS

- Flakerizer
- AIS API

ACHIEVEMENTS

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

PARTICIPATION

- DevConf.US 2021
- Subsurface Cloud Data Lake Conference Winter 2020

CERTIFICATIONS

- Problem Solving - HackerRank
- Deep Learning with Python - DataCamp
- Portfolio Risk Management with Python - DataCamp
- Docker Labs - KodeKloud
- Statistical Thinking in Python - DataCamp
- Data Visualization with Bokeh - DataCamp
- Data Cleaning with Python - DataCamp