PREM GAIKWAD

Applied Scientist Intern

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PROFILE

I am a Second Year EnTE student at the Pune Institute of Computer Technology (PICT). I Have Developed a strong passion towards Machine Learning and Data Science and have been learning it from various sources for the past 5 months. I am Interested in Learning ML-DS in more depth and advance and a good Internship would help me get that knowledge.

EDUCATION

Pune Institute of Computer Technology (Affiliated to Pune University)   Pune, Maharashtra
Bachelor of Engineering   Expected - June 2025
Branch - Electronics and Telecommunication Engineering (EnTE)

The Vatsalya School, Pune (CBSE Board)   Pune, Maharashtra
12th Grade   2021
Percentage - 82 %

City Internation School, Pune (CBSE Board)   Pune, Maharashtra
10th Grade   2019
Percentage - 92.2%

PROJECTS

1. **AI Snake Game**

   Feb 2023 - Feb 2023

   Code: https://github.com/Prem07a/AI_Snake

   I created an AI model based on the concept of Reinforcement learning, the AI trained itself and played the game and learned from its mistakes.

   It was built using:

   Python: Reinforcement learning, Pytorch

2. **Dog Breed Classification Using Pytorch**

   Dec 2022 - Jan 2023

   Code: https://github.com/Prem07a/Dog-breed-classification

   I created a model which can predict the breed of a dog with the help of its Image.

   It was built using:

   Pytorch and Transfer Learning.

3. **Bulldozer Price Prediction using ML**

   Oct 2022 - Oct 2022

   Code: https://www.kaggle.com/code/premgaikwad07/time-series-bulldozer-price-prediction

   I created an ML model which can predict the price of bulldozers on the bases of some factors.

   It was built using:

   Python:: Sklearn

4. **Heart Disease Classification using ML**

   Oct 2022 - Oct 2022

   Code: https://www.kaggle.com/code/premgaikwad07/classification-modelling-heart-disease

   I created an ML model which can classify if a person having heart disease or not based on some factors which he compared with historical data on which it was trained.

5. **Website to Learn Stocks/Crypto Trading.**

   Apr 2022 - Jun 2022

   Code: https://github.com/Prem07a/Stock_learn_website

   We created a website where people can come and learn about fundamental and technical analysis and Practice their knowledge in the Paper Trading features of our website.

   It was Built using the following Framework:

   HTML, Tailwind CSS and Javascript

6. **Crypto Trading Bot (Signals)**

   Feb 2022 - May 2022

   Code: https://github.com/Prem07a/ETH_USDT_Signals_bot

   I created a crypto trading bot which traded cryptocurrencies on the bases of a pre-defined strategy. The Bot was backtested on Historic and Live data with virtual money.

   It was built using: Python

CERTIFICATIONS AND ACHIEVEMENTS

1. **Python:**

   100 Days of Code: The Complete Bootcamp, UDEMY

2. **Machine Learning & Data Science:**

   Complete Machine Learning & Data Science Bootcamp, UDEMY

3. **DATAWIZ Competition:**

   PICT PISB CTD DataWiz 2022: Winner of Machine Learning Competition.

SKILLS

- **Machine Learning -** Regression, Classification, Decision Tree, Linear Models, Ensemble Method
- **Deep Learning** - CNN
- **Reinforcement Learning -** A2C, Q learning
- **Programming Language -** Python, C, C++
- **Library -** Numpy, Pandas, Sci-kit Learn, Pytorch, Matplotlib.
- **Computer Literacy -** Microsoft Office, Mail-Merge, Google Workspace, PDFill
- **Language -** English, Hindi, Marathi

VOLUNTEERING

Student Member | PICT IEEE Student Branch (PISB)   JAN 2022 - PRESENT
Conducted Special Integrated Group Session on Python Language.

ML Core Domain Member | PICT Google Developer Student Clubs.   DEC 2022 - PRESENT
I was selected as Core Domain Member for ML from over 10 Applicants.