Prithviraj Maurya
Problem Solver, Kaggler, AWS Certified

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🌐 prithviraj-maurya.github.io/resume-website/

github.com/prithviraj-maurya

EDUCATION

Bachelor of Engineering
Dwarkadas J.Sanghvi College of Engineering
02/2015 - Present   *8.363 GPA*

H.S.C.
Mumbai University
02/2014 - 02/2015   *84.00%*

WORK EXPERIENCE

Software Engineer
Wissen Technologies
08/2019 - Present   *India*
Achievements/Tasks

- Working for Sales & Distribution department at **Morgan Stanley** Technology Division.
- Worked on a project for managers to create profiles for their clients and later convert those profiles into PDF and PPT documents which can be shared among peers.
- Another project is an hybrid application developed on Ionic for handling all client interactions such as emails, phone calls, and video meetings, etc
- Stack included Angular, React, Ionic, Java Spring, and Db2 for the database. Additional infrastructure such as Solr Search, Rabbit MQ, and Jenkins for automatic deployment.

Data Scientist Intern
Child Growth Monitor (Welthungerhilfe)
06/2019 - 08/2019   *Germany*
Achievements/Tasks

- Worked on Data Cleaning and preprocessing, applying masks over images, and enhancing image quality so that it can be used for training.
- Learned about Agile at Scale and how to work with a remote team.
- Got familiar with Azure cloud and using Azure's resources for Machine Learning in the cloud.

Contact: *Markus Matiascheck (Product Owner)*

SKILLS

| AWS | Java | Python | Flask | Web Development |

| SQL FIREBASE Mongo Db | Tensorflow | Pytorch |

| Scikit Learn | Machine Learning | MATLAB |

PERSONAL PROJECTS

Bike Sharing Demand Prediction (03/2021 - 04/2021) ↗
- Created a complete pipeline from EDA to Data Cleaning, Preprocessing, Modelling, Hyper-parameter optimization and Feature Engineering. Achieved **RMSLE** loss of **0.48** and **leaderboard** position **500**.
- Build model to predict the bikes rented on a future date based on various parameters. such as weather, day of week, holiday, previous data.
- Notion Article.

Airbnb Amenity Detection (09/2020 - 10/2020) ↗
- Build a model using Pytorch to detect all **amenitites** (bed, TV, sofa etc.) from images uploaded by user. Also tried **Dectectron2** and trained on custom data.
- Used React as front-end and Flask for API, deployed API on **AWS Lambda** and React app on GitHub Pages.
- Link to Notion Article

World University Ranking EDA (08/2020 - 08/2020) ↗
- Worked on **Exploratory Data Analysis** on data containing several features such as university name, teaching score, citations, international students.
- Answered several questions based on the data such as which are the top universities in the world, which university has the best teaching faculty etc.
- Link to Medium Article

Age Group Classification (02/2020 - 02/2020) ↗
- Given an image of people gatherings, we need to classify the age group of the group of people: young, old or children. Trained a model to classify any group image into these 3 categories.
- Converted model using Onxx and exported the model to use in Front End using Flask and express.
- Link to deployed React App (prithviraj-maurya.github.io)

Expenses App (01/2020 - 03/2020) ↗
- Developed React-D3 based expenses App to handle your expenses with visualizations.
- Used React along with D3, deployed app on AWS. Github App
- Link to deployed AWS app.

ACHIEVEMENTS

AWS Developer Associate Certification (12/2020) ↗
Appeared and passed the AWS Developer Associate Certification with a score of 905/1000. Certificate link

Python Coding
Won an ELITE python programmer certificate from IIT MADRAS

Cood For Good
Selected and Participated in CFG 2018 by JP Morgan Chase and Co.

Coding Competition
Scored 81% in coding contest held by IITs(NPAT) and secured an AIR of 25,814