

# Prithviraj Maurya

Problem Solver, Kagglar, AWS Certified

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🌐 prithviraj-maurya.github.io/portfolio-site/

🐙 github.com/prithviraj-maurya

## EDUCATION

### Bachelor of Engineering

Dwarkadas J. Sanghvi College of Engineering

02/2015 - 06/2019

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.
- 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.
- Task was finding body estimates such as height, shoulder length, waist length from body image.

Contact: Markus Matiascheck (Product Owner)

## SKILLS

AWS

Java

Python

Pandas Numpy

Web Development

SQL FIREBASE Mongo Db

Tensorflow

Pytorch

Scikit Learn

Machine Learning

MATLAB

## PERSONAL PROJECTS

### Yulu Bike Rental Problem (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**.
- Faced a problem of not finding any Yulu bike at a particular location for rental, tried to solve this by forecasting bike rentals on a particular day of month.
- [Notion Article.](#)

### Airbnb Amenity Detection (09/2020 - 10/2020) [↗](#)

- Build a model using Pytorch to detect all **amenities** (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 Onnx 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