NETRA YASHWANT GHODEKAR

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# EDUCATION

**AISSMS COLLEGE OF ENGINEERING, Pune: (C*GPA: 9.17/10.00*)** Dec 2020 - May 2023

**Bachelor of Engineering in** *Computer Science*

**AISSMS polytechnic, Pune: (92.70 %)** Jun 2018 - May 2020

**Diploma in** *Computer Engineering post HSC*

**SSC: (92.20 %)** Jun 2015 - Mar 2016

**SKILLS**

* **Technologies | Cloud Platforms -** Data Science, Machine Learning, Power BI, Google cloud platform, AWS, Terraform
* **Programming languages (Proficient) -** Python, java, SQL
* **Programming languages/frameworks (Conversant)** – C, C++, HTML, CSS, JavaScript, shell scripting.

# INTERNSHIPS

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**Jio Platforms Limited** Jan 2024 – Present

*Assistant Manager*

**LTIMINDTREE** Feb 2023 – May 2023

*Cloud Engineer Trainee*

Completedtraining andassessments on java foundations, shell scripting, AWS and terraform.

**LETSGROWMORE** Feb 2022 - Mar 2022

*Data Science Intern*

Executed the following projects:

* Stock Market Prediction and Forecasting Using Stacked LSTM.
* Image to Pencil Sketch with Python using OpenCV.
* Exploratory Data Analysis on Dataset – Terrorism.

**TCR Innovation** Aug 2021 - Oct 2021

*Training and Internship in Machine learning*

* Enhanced skills under the mentorship of Industry experts by completing 2 capstone projects.
* **Projects**: Gold price prediction with the best score of 0.94 and Wine quality Prediction with accuracy of 92.28% using RandomForestRegressor.

**Internship Studio** Jan 2021 - Feb 2021 *Training and Internship in Machine Learning.*

* Expanded knowledge in Machine Learning and operated on one project "YouTube ad view prediction" with Mean Absolute Error of 3308.

**Sagveek Technologies-** May 2019 - Jun 2019

*Internship and training in python.*

* Amplified programming in Python skillsunder the guidance of 2+ industry mentors.
* **project**-web parsing for weather prediction using python and bs4 library.

# PROJECTS

* **AISSMS COE** Aug 2022 - May 2023

**1.Identification for Cervical Spine Fracture using Deep Learning-** Fracture Detection using 2 Deep Learning techniques-

YoloV5 and densenet121 which can be used in real time and gained accuracy of 71% and 89% respectively. Published a

Research paper in a Scopus indexed journal - ‘AJMDE’.

* **AISSMS POLYTECHNIC**

1. **Door Lock Control using Wireless Biometric-** IoT based capstone project with fingerprint recognition technology Enabled through a mobile application for ensuring a secured household by employing technologies like Arduino Nano and Kodular. Published a research paper in a journal under UGC - ‘IRJET’.

* **WorldQuant University - Applied Data Science Lab** Jan 2022 - Sep 2022

1. **Housing in Mexico**: Conducted data visualizations like scatter and box plots, Examined the relationship between two variables using correlation.
2. **Housing in Buenos Aires:** Analyzed a linear regression model and build a data pipeline for imputing missing values and encoding categorical features, created a dynamic dashboard for interacting with model.
3. **Air Quality in Nairobi:** Got data by querying a MongoDB database. Prepared time series data for analysis. Built an autoregression model while tuning its hyperparameters.
4. **Earthquake Damage in Nepal:** Queried a SQL database, Built a logistic regression and decision tree model for classification.

# CERTIFICATIONS

* Introduction to data science- By IBM
* Introduction to Machine Learning- By Duke university.
* Introduction to cloud development with HTML, CSS and JavaScript- By IBM.
* Industrial IoT on Google cloud Platform- By Google Cloud.
* Learning SQL Programming- Linkedin Learning
* AWS Cloud Technical Essentials – By AWS
* Introduction to Cloud Native, DevOps, Agile, and NoSQL- By IBM.
* AWS Cloud Practitioner – By KodeKloud