Viraj More

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EDUCATION

Pune Institute of Computer Technology **Pune**
Bachelors in Computer Engineering *2019 - 2023*
GPA: 9.61

Petrochemicals Vidyalaya, Nagothane **Raigad**
12th CBSE *2017 - 2018*
Percentage: 88%

INTERNSHIP

NICE Systems Ltd. **Pune**
Student Intern *Nov 2021 – July 2022*
Project: **Highly Available Multiregional Cache Store**
- Tech Stack: **ReactJS, NodeJS, Redis, Docker, HAProxy**
- Developed a robust failover service for a publisher-subscriber application
- Exhibits quick failure detection of primary cache
- Timely recovery from failure within 10 seconds by redirecting the traffic to secondary cache present in different AWS region

PROJECTS

Medical Insurance Charges Prediction
Source Code Link *Aug 2021*
- Developed a machine learning project to predict the medical insurance charges depending upon various features
- Analysis of features using **Pandas**, **Sklearn**, **Matplotlib**
- Features: Age, Gender, BMI (Body mass index), Smoker, Children, Region
- Model: Linear Regression and **Accuracy: 78.4%**

Vehicle Identification & License Plate Detection System
Source Code Link *Feb 2021 - May 2021*
- License plate detection using **OpenCV** and number extraction using **Tesseract OCR**
- Performed connected component analysis on number plate
- Extraction of vehicle details from **Vaahan Portal** using **Selenium**
- Verification and storage of vehicle details in **SQLite** database

SKILLS & INTERESTS

Languages: C++ & Familiar with Python, Java, JavaScript, HTML/CSS
Concepts: Data Structures, Algorithms, Problem-Solving, Object-Oriented Programming
Frameworks: OpenCV, ReactJS, NodeJS
Developer Tools: VS Code, Jupyter Notebook, Eclipse IDE, PyCharm, Git, Docker
Hobbies & Interests: Badminton, Cricket

ACHIEVEMENTS

HackerRank Profile | *Click Here*
- Problem Solving (Intermediate) Certificate
- 5 Star in C++
- 4 Star in Problem Solving

LeetCode Profile | *Click Here*
- Algorithm I Badge
- Dynamic Programming, I Badge
- Programming Skills Badge