Sharayu Mali

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OBJECTIVE

A self-motivated and analytical-minded individual with passion for technology seeking an opportunity to be a part of your company to utilize and build upon my existing skillset for innovating and developing sustainable customer-friendly solutions.

EDUCATION

B. E. in Computer Engineering | Savitribai Phule Pune University | [2020-2023]
Pune Institute of Computer Technology, Pune
CGPA – 9.76

Diploma in Computer Technology | Maharashtra State Board of Technical Education | [2017-2020]
Sou Venutai Chavan Polytechnic, Pune
Result: 96.57 % First Class with Distinction

Online BS Degree in Programming and Data Science | IIT Madras | [2021-2024]
Foundational Level | Completed **| 9.4 CGPA**
Diploma in Programming | Pursuing **| 8.4 CGPA**

10th Standard | Central Board of Secondary Education | Year of Passing: 2017
Sinhgad Spring Dale Public School, Pune
Result: 98.4 %

PROJECTS

INTERNSHIP PROJECT | NICE SYSTEMS LTD | [NOVEMBER 2021 – JUNE 2022]
· **Project:** ML Data quality monitoring and alerting
· **Description**:
    · Built machine learning based solution for detecting abnormalities in the data received from different clients.
    · Cleaned, preprocessed, and analyzed data received from different clients
    · Trained Time series forecasting models using ARIMA and PROPHET algorithms and used for detecting abnormalities in data patterns. Built Flask-based API for accessing and refreshing models
· **Technical Stack Used** – Flask, Python, MySQL
· **Achievement** – Winner Team for NICE Virtual Internship program 2021-22

PROJECT – SEGMENTATION OF CROPS AND WEEDS IN AGRICLTURAL FIELD IMAGES USING DEEP LEARNING
    · **Description**: Trained a U-NET architecture-based image segmentation model for segmenting crops and weeds from agricultural field images.
    · Python libraries - OpenCV, Keras, Numpy

SKILLS

TECHNICAL

· Programming Languages – Python, Java, HTML, CSS, SQL
· Web and API development – Flask framework
· Database Management – MySQL, PostgreSQL
· Tools – Jupyter Notebook, Eclipse, VSCode
· Data Science & Machine learning
· Cloud Skills – AWS
· Software Development – Problem-Solving, Object-Oriented Programming, Data Structures and Algorithms

NON-TECHNICAL

· Communication, Teamwork, Presentation, Adaptability, Time management

ADDITIONAL COURSES

- AWS Academy Cloud Foundations
- Python for Data Science - NPTEL
- Object Oriented Programming in Java (Coursera)
- Python for Everybody Specialization (Coursera)
- Computer Vision Basics (Coursera)
- Problem Solving, Python Programming, and Video Games (Coursera)

ACHIEVEMENTS

i. **Merit-cum-means scholarship for BS Degree in Programming and Data Science**
   Sponsored by L&T Thales Technology Services Pvt. Ltd. - Foundational level & Walmart – Diploma level

ii. **Finalist team member in PMI Game-A-Thon 2021 on Techgig Platform.**

iii. **Participated in the AWS Deep Racer Women's League India 2021**

iv. **Volunteered for professional events at IITM PARADOX 2022 event held at IIT Madras**