Shubham Pathare

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SKILLS AND CERTIFICATIONS

- **Analysis:** MySQL, Tableau, Power Bi
- **Programming and Tools:** Python, R, Pandas, NumPy, Java, C++, Hypothesis Testing, Jenkins, OpenCV, TensorFlow
- **Certifications:** NASSCOM's Foundational AI Certification; IBM Data Science Professional; MongoDB Beginner

EDUCATION

The University of Texas at Dallas 05/2023
Master of Science, Business Analytics **GPA 3.43**
Maharashtra Institute of Technology Art Design and Technology, India 07/2021
Bachelor of Science, Computer Science and Intelligent Systems **GPA 3.14**

PROFESSIONAL EXPERIENCE

Tata Consultancy Services Limited, Pune, Maharashtra 05/2022-07/2023
Systems Engineer (Developer)

- Impressed by the performance and gaining a rating of 4.8/5, promoted to Java developer within the first year.
- Innovatively devised a series of bash automation scripts that streamlined repetitive tasks within the project, enhancing the team's efficiency by 75% using Python, avoiding repetitive tasks.
- Worked as a Java developer responsible for making Java code compatible with the newly updated software requirement and thus migrating to the latest versions like Java 1.6 to Java 8, ant to maven, and many more.
- Implementing the new updated code successfully reduced the time it took to load the portfolio for the investor from 2 days to just 1 hour, achieving the project's goal.

Tata Consultancy Services Limited, Pune, Maharashtra 07/2021-05/2022
Systems Engineer Trainee

- Executed a migration project, implementing code changes aligned with new upgrades and client demands.
- Worked on JMeter to analyze the performance of webpages and used for load testing purposes.

ACADEMIC PROJECT EXPERIENCE

Decoding Football Data Analysis and Dashboard, Group project 09/2023-12/2023

- Worked on the Football dataset by Transfermarkt, exploring trends in club performance, evaluating player valuations, understanding game dynamics and uncovering correlations using MySQL and Tableau to visualize.

Carla Autonomous Speed Driving Assistant, Group Project 06/2020-04/2021

- Implemented autonomous speed control vehicle in Carla simulator environment to control the speed of a moving car by detecting the speed limit sign board the vehicle passes and then warning the driver.

Gatekeeper - License Plate Detection System, Group Project 05/2019-02/2020

- Identifying the vehicle entering the residential premises, scanning the number plate, and then checking through the system if the number plate is registered to the owner's name residing in the society.

Publications

- **International Publication** - Traffic Sign Detection using Clara and Yolo in Python |**IEEE** | 06/2021
- **International Publication** - Speed Limit Sign Detection using Deep Learning| **IRJET** | 07/2021

VOLUNTEER EXPERIENCE

- **Coding Ninja,** MIT ADT University, **Campus Ambassador** 05/2019-03/2021
- **Code Break Hackathon,** MIT ADT University, **Organizer** 02/2020-02/2020
- **Persona Festival,** MIT ADT University, **Organizer** 08/2018-03/2020

Eligibility: **VISA, Eligible to work in the US for internships and full-time for up to 36 months**