





HARSHWARDHAN PATIL

Data Science Practitioner

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EDUCATION

- **MASTER OF SCIENCE IN DATA SCIENCE**
Indianan University, Bloomington (Aug. 2022 to Present)
- **BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE AND TECHNOLOGY**
Shivaji University, Kolhapur (Aug. 2016 to March 2020)
- CGPA: 8.92 / 10

WORK EXPERIENCE

- **SYSTEM ENGINEER**
Infosys Limited, Bangalore (Nov. 2021 to July 2022)
 - Involved in complete Software Development Lifecycle (SDLC).
 - Reviewed and implemented changes in PLSQL codes and oracle schemas to enhance and improve the existing systems.
 - Coordinated with the onshore team for ticket analysis, fixes, and review resulting in 30% faster completion of tasks.
- **BUSINESS DATA PROCESSOR**
JIO Communications, Kolhapur (May 2018 to July 2018)
 - Got awarded with Gold Certificate for the "Digital Champions Program" conducted by JIO.
 - Interacted closely with 81 Small and Medium Businesses (SMBs) within Kolhapur to get insights into their business and challenges.

PROJECTS

- **DEYE – DOOR WITH AN EYE**
 - Developed a Face Recognition-based Door unlock system using Python, OpenCV, and Firebase on Raspberry Pi.
 - Achieved more than 86% of accuracy for real-time Face detection and recognition.
 - Developed a Mobile application using Flutter and Firebase that gives a notification when attempted to unlock the door.
- **SPEAKER IDENTIFICATION SYSTEM**
 - Built a deep learning model using Python and MFCC-GMM model.
 - Achieved an accuracy of 93% in the VoxForge Dataset and 83% in the self-made Dataset.
 - The model learns the speech models from existing labeled data and then transcribes the entire voice recording using google speech to text API as a conversation.

CERTIFICATIONS

- Microsoft Certified: Azure Fundamentals (AZ-900)
- Microsoft Certified: Azure AI Fundamentals (AI-900)
- Microsoft Certified: Azure Data Fundamentals (AZ-900)

SKILLS & TOOLS

PROGRAMMING LANGUAGES

▪ C ▪ Java ▪ Python

DATABASES

▪ Oracle (PL/SQL) ▪ MySQL

DEVELOPMENT TOOLS

▪ Eclipse ▪ PyCharm
▪ Visual Studio ▪ Anaconda
▪ Oracle SQL Developer

OPERATING SYSTEMS

▪ Linux ▪ Windows

TECHNICAL SKILLS

▪ OOPS
▪ Data Structure and Algorithms
▪ Cloud Computing
▪ OpenCV
▪ Git/GitHub
▪ Web Development

SOFT SKILLS

▪ Communication
▪ Problem-Solving
▪ Active Learning
▪ Risk Analysis
▪ Stress and Time Management

INTERESTS

▪ Music ▪ Origami ▪ Cooking

OTHER ACTIVITIES

- Co-Founder of "CODE-SPACE" a Programming Club.
- Anchor of the cultural show for three consecutive years
- Captain of CST Kabaddi team.
- Member of a DOT students' committee for three successive years and Head of Training and Placement Committee for final year.