

# HARSHAL MAHALE

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## Profile Summary

Dedicated Software Engineer with 2 years of experience in developing and maintaining web applications seeking a challenging position to collaborate with a talented team on innovative projects that help me to attain greater of my career.

## Work Experience

### Software Engineer @ Persistent Systems Ltd.

Pune, India – January 2022 to Present

- Developed an **Emotion Health Monitoring System** for timely emotional state data, aiding early intervention to prevent mental health issues using pre-trained transformer model.
- Created **Django** based internal application for managing attendance by integrating Microsoft graph API through OAuth.
- Filtered and Segmented large dataset of customers based on their preference of choosing insurance product using **Machine learning** algorithms.
- Actively Engaged in **Python data science program** facilitated by Ethans Tech, focusing on advance techniques for data analytics, Machine learning and Deep learning.

## Project Details

### 1 : Indian Card Payment Analysis ( Python + ML)

Our project leverages Machine Learning within the Django framework to seamlessly connect multiple webpages. Through predictive analytics and graphical representation, users gain valuable insights to make informed decisions when choosing the most suitable bank for their investments.

### 2 : Account Operational Excellence System (Python + Django)

This Project is based on Employee day to day attendance so Admin can able to track the employee attendance based on their working hours.

## Education

**Bachelor of Engineering**, Sinhgad College of Engineering Pune | Computer science | 2018-2022 | CGPA: 8.71/10

**Senior Secondary (XII)**, Brahma Valley Junior Science college Nashik | HSC Board | Year of completion: 2018 | Percentage – 71.08%

## Achievements

- Got High Five – Team Award for working on the time report tool
- 1<sup>st</sup> Runner-up in Persistent Annual Technothon for Gems Hi-tech BU
- Winner of logo quiz competition at SCOE, Pune.

## Key Skills and Abilities

**Programming Languages:** Python, C++, HTML, CSS.

**Frameworks:** Django, Django Rest Framework.

**Database:** Microsoft Sql Server.

**Libraries:** Numpy, Pandas, Seaborn, Matplotlib, Tensorflow.

**Deep Learning Techniques:** ANN, RNN, CNN, RBM's & NLP.

## Other Skills

MySQL  
OOPS  
GEN-AI  
Data Science  
Machine Learning  
Data Preprocessing  
Feature Engineering

## Tools

Visual Studio  
SQL Server  
Zabbix  
Ranorex  
Git  
AWS

## OS

Windows

## Certifications

**Python For Data Science, AI & Development** – IBM

**Software AG Certified ARIS**  
Process Mining Professional

**Microsoft Certified:** Azure  
Fundamentals AZ-900