

# PAVAN SHELKE

AI/ML Developer

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**Linkedin**

## EDUCATION

### Genba Sopanrao Moze College Of Engineering

Bachelor's of Engineering (Computer)

CGPA: 8.0

Pune

October 2020 - June 2023

### Pimpri Chinchwad Polytechnic

Diploma in Computer Engineering

Percentage: 84.55%

Pune

August 2017 - May 2020

### Shri Samarth Vidya Mandir

CLass 10th, SSC

Percentage: 75.60%

Ahmednagar

June 2016 - April 2017

## EXPERIENCE

### Elite Software's | Python-DJango and Web Developer Intern

Pune | Mrach 2022 - June 2022

- Developed Voting System Project Using Pyhton , Django Framework
- Developed Neumorphism Login Form using HTML,CSS.

### BSNL | Broadband Technician

Pune | April 2019 - June 2019

- Learnt about how networking works by working under supervised professionals at BSNL office akurdi

## SKILLS

Programming Languages:	C, C++, Java, Python, Javascript, R
Libraries/Frameworks:	React, Django, TensorFlow, Keras, PyTorch, Pandas, NumPy, SciPy, Matplotlib
Databases:	MySQL
Specialized Skills:	Machine Learning, Deep Learning, Natural Language Processing
Technical Skills:	Data Structures, Object-Oriented Programming (OOP)

## ACADEMIC PROJECTS

### FOOTBALL DATA ANALYSIS USING MACHINE LEARNING TECHNIQUES

- This application focuses on predicting the game results of the premier league on the basis of the **Back Propagation Algorithm**.
- The input parameters chosen were Home Teams, Away Teams, Home Team Goals, Away Team Goals, and Goal Differences.
- The accuracy of the system was found to be 47 percent.
- Technologies Used: Python, Scikit-learn, Machine Learning (Back Propagation Algorithm)

### ANDROID NETWORK SECURITY SYSTEM

- Developed an application on the **Android** platform which allows the user to encrypt the messages(data) before it is transmitted over the network.
- Technologies Used: Java, Android, Advanced Encryption Standard Algorithms (AES)

## PERSONAL PROJECTS

### Handwritten Digit Recognition using Neural Network

- Developed a project utilizing Neural Network to recognize handwritten digits using the MNIST dataset.
- Implemented a model capable of detecting scanned images of handwritten digits.
- Technologies Used: Python, TensorFlow, MNIST dataset

## CERTIFICATIONS

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- Data Engineering, Big Data, and Machine Learning on GCP Specialization - Coursera.
- Building Scalable Java Microservices with Spring Boot and Spring Cloud - Coursera.
- Django Deployment - Learnoverse.