

# Pushkar Ingale

+91 9834514028 / [pushkaringale358@gmail.com](mailto:pushkaringale358@gmail.com) / [LinkedIn](#) / [GitHub](#)

## EDUCATION

### Vishwakarma Institute Of Information Technology

Bachelor of Technology in Artificial Intelligence and Data Science; CGPA: 9.45

Pune, India

Nov. 2022 – June. 2025

### Padmashree Dr. V . B . Kolte College of Polytechnic Malkapur

Diploma in Computer Science and Engineering; Percentage: 90.86%

Malkapur, India

Aug. 2019 – May 2021

## EXPERIENCE

### AI Engineer

Code Clause

March 2024 – April 2024

Remote, India

- Developed a **real-time road lane detection system** for autonomous vehicles using **Python**, **OpenCV**, and **deep reinforcement learning**, improving lane identification and road safety.
- Created an **AI system** to predict personality traits from CVs using **NLP** and **machine learning**, analyzing resume content to infer traits such as extroversion and conscientiousness.

### Web Design Intern

Libity Infotech Pvt Ltd

Jun 2020 – Aug 2020

Jalgaon, India

- Completed an internship at Libity Infotech Pvt Ltd, where I utilized my skills to develop a tutorial web platform for students.
- Developed the platform using **JavaScript**, **HTML**, **CSS**, **Bootstrap**, and **jQuery**, enhancing educational resources and providing valuable learning tools for students.

## PROJECTS

### Research Paper Recommendation System

Feb-May 2024

/ NLP, Deep Learning, Transformers, AWS Beanstalk, GitHub

- Developed an **NLP** and **deep learning** based recommendation system to suggest research papers using titles and abstracts.
- Trained an **RNN** for domain classification and utilized **Sentence Transformers** and **Word2Vec** for text embedding.
- Applied **cosine similarity** for recommendations and deployed the system with a **Streamlit** app on **AWS Elastic Beanstalk** using **GitHub CI/CD**.

### Unhealthy Organ Detection Using Acne Analysis

/ CNN Model, Yolo, Flask, AWS, OpenCV, Accuracy: 97%

Dec-Jan 2023-24

- Developed a system to predict health issues by analyzing acne patterns on facial images.
- Implemented a **CNN** for acne detection with 97% accuracy, **OpenCV** for facial processing, and **YOLOv8** for detailed detection.
- Analyzed high-acne regions and used a facial map to predict health issues.
- Integrated models into a **Flask** web application, deployed on **AWS Elastic Beanstalk**.
- Addressed challenges in detection accuracy and integration through extensive data collection and testing.

### Movie Recommendation System

Aug-Oct 2023

/ Python, scikit-learn, Flask, React, API integration

- Built a movie recommendation system using **NLP** and **machine learning** for personalized suggestions.
- Utilized **NLP** and a **Random Forest Classifier** for sentiment analysis of user reviews.
- Implemented **content-based filtering** and designed a **user-friendly interface**.

## CERTIFICATES & COURSES

### Machine Learning Specialization / Coursera / Instructor: Andrew Ng

2024

Specialization in machine learning techniques, including supervised and unsupervised learning, and data analysis.

### Deep Learning Specialization / Coursera / Instructor: Andrew Ng

2024

Specialization covering deep learning concepts including neural networks, CNNs, RNNs, and sequence models.

### Cisco Networking Certificate / Cisco / Instructor: Net Cad

2022

Certification focusing on networking fundamentals, routing, switching, and network security.

## TECHNICAL SKILLS

### Languages:

Python, C/C++, Java, SQL, JavaScript

### Machine & Deep Learning:

TensorFlow, Keras, PyTorch, Scikit-Learn, CNNs, RNNs, Transformers, YOLO

### Data Processing & Tools:

NumPy, Pandas, OpenCV, Jupyter, Docker, MLflow, PowerBI, Tableau

### NLP:

NLTK, SpaCy, Hugging Face Transformers

### Cloud Platforms & Deployment:

AWS, Google Cloud, Azure

### Version Control & Databases:

Git, GitHub, Sql, MongoDB