

Shreyas Yerole

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Education

Master of Engineering - Artificial Intelligence and Data Science

Sept 2024 - May 2026

Institute: All India Shri Shivaji Memorial Society's College of Engineering

University: Savitribai Phule Pune University

Marks: 8.8 (First Year)

Bachelor of Engineering - Computer Engineering

July 2019 - May 2023

Institute: Nutan Maharashtra Institute of Engineering and Technology

University: Savitribai Phule Pune University

CGPA: 9.00

Teaching Experience

All India Shri Shivaji Memorial Society's Polytechnic -Jan 2025 to Current

Worked as a teaching staff member for six months, delivering quality education in the field of computer science with a flexible approach to subject handling. Subjects taught to date include Linux, UI/UX, ICT, and WPC.

Projects

PAN Card Fraud Detection Using Machine Learning -Python

- Developed a deep learning model using a Convolutional Neural Network (CNN) to detect fake and real Permanent Account Number (PAN) Cards.
- This system takes an image as input, pre-processes it, and utilizes CNN layers to identify real and fake PAN cards. (Accuracy: 87%)
- The CNN model is trained to recognize patterns and features that distinguish a genuine PAN card from a counterfeit one.

React based Password Manager -ReactJS, MongoDB

- This application leverages the React JavaScript library for the user interface and MongoDB for database management.
- It provides a user-friendly platform to securely store and retrieve passwords for various online accounts.
- Users can store their credentials in a structured manner, focusing solely on password storage and organization, without the need for generating complex passwords themselves.

Course Work

Artificial Intelligence Engineer

Topics: Data Science with Python, Machine Learning, Deep Learning using Keras and Tensorflow, AI Capstone

Technical Skills

Programming Languages C++, Python

Web Development Skills HTML, CSS, JavaScript, ReactJs, NodeJs, ExpressJs, MongoDB, SQL

Computer Fundamentals OOPs, Database Management System, Computer Networks

Technical Tools GitHub, PostMan, VS Code, Jupyter Notebook

Operating Systems Windows, Linux

Certifications & Participations

- Foundations: Data Everywhere** of Google through Coursera
- English Score** by British Council Board
- District Level School Sports Competition** for Ball Badminton
- Participated in **Techcult** event as a volunteer for **campaigning** which was organized by college