

# Shrinivas S Patil

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## Education

<b>PES University</b> , Master of Computer Applications(MCA)	Sept 2023 – Sept 2025
• <b>Coursework:</b> Python,React,Django	
<b>Global College of BCA</b> , Bachelor of Computer Applications(BCA)	July 2019 – Nov 2022
• <b>Coursework:</b> C,C++ ,HTML,CSS	

## Experience

<b>Software Engineer (Intern)</b> , Design Esthetics	April 2025 – Present
<ul style="list-style-type: none"><li>• Developed RESTful APIs using Django and Django REST Framework for course, class, and user management.</li><li>• Integrated file upload system (PDFs, videos, PPTs) with AWS S3 for scalable storage.</li><li>• Designed batch/class scheduling APIs and endpoints for live/recorded lecture integration.</li><li>• Built robust APIs to handle course and class management, file uploads to AWS S3, and user access controls. Worked closely with frontend team to deliver features for students and instructors.</li><li>• Backend API   Django, DRF, AWS S3</li></ul>	

## Projects

### Deepfake Detection using GANception (MCA Project)

- “GANception,” a novel GAN-based model designed to detect deepfake images with improved artifact detection capabilities.
- Conducted comparative analysis with CNN-based models, achieving superior detection accuracy (95.56
- Focused on real-time detection, batch processing, artifact analysis, and report generation with explainable outputs.
- Tools: Python, JavaScript, FastAPI.
- Deep Learning Frameworks:TensorFlow, Keras
- Model Type: Custom GAN Discriminator (GANception)

### MED RESCUE

- Developed a mobile application to facilitate instant booking of ambulances during emergencies. The app enables users to select the nearest available ambulance, specify pickup points, and choose hospitals, thereby saving crucial time during medical emergencies.
- Tools: Java, Android studio, Firebase DB

### LIBRARY MANAGEMENT SYSTEM

- • Developed REST APIs for the application, developed 3 APIs Catalog API, Book Issue API, Return API. This application went live for our college and it's still being used widely by students.
- Tools Used: Python, MongoDB, Fast API, React Js

## Technologies

**Languages:** Python, C, SQL, JavaScript

**Technologies:** React JS, Django, MongoDB

## Certifications

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Udemy: The Complete Python Bootcamp From Zero to Hero in Python.

Udemy: The Complete SQL Bootcamp: Go from Zero to Hero.