

DARSHAN PAWAR

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[GitHub](#) | [LinkedIn](#) | [Portfolio](#) | [Leetcode](#)

EDUCATION

SVKM Institute of Technology, Dhule

Bachelor of Technology in Computer Engineering

2021 - Present

CGPA: 7.6 out of 10

D.M. Baari Junior College

Higher Secondary Certificate (HSC)

2022

Percentage: 69%

KSK New City High School

Secondary School Certificate (SSC)

2020

Percentage: 72%

TECHNICAL SKILLS

Programming Languages: Python, JavaScript, SQL, Java

Frontend Technologies: HTML, CSS, React.js, Bootstrap, Tailwind CSS

Backend & APIs: Express.js, Django, Streamlit, REST API development

Databases: MySQL, MongoDB, basic database design

Core Concepts: Data Structures and Algorithms, authentication, CRUD operations, client-server architecture

Tools: Git, GitHub, Postman

EXPERIENCE

Python Developer Intern

Infosys Springboard

Nov 2024 - Jan 2025

Remote

- Worked as a Python Developer Intern with the goal of building an automated solution for real-world document processing.
- Developed a Python-based application to extract structured data from cheque images and PDFs.
- Integrated external APIs and handled end-to-end data flow from input processing to storage.
- Collaborated with mentors and peers to understand requirements, debug issues, and improve system accuracy.
- Used MongoDB for storing and validating extracted data, ensuring data consistency and reliability.
- Followed standard software development practices including version control and iterative improvements.
- Worked with Python, MongoDB, REST APIs, and external services in a production-like environment.

PROJECTS

ExpenseTrack: Personal Finance Manager

Full-Stack Web Application

Aug 2024 - Oct 2024

Self Project

- **Tech Stack:** React.js, Express.js, Tailwind CSS, REST APIs, MongoDB, Authentication, Git, GitHub
- Developed a full-stack expense tracking application using React.js for the frontend and Express.js for the backend.
- Designed and implemented REST APIs to handle expense creation, update, deletion, and retrieval operations.
- Implemented secure user authentication to ensure user-specific access to expense data.
- Used MongoDB to store user profiles and expense records efficiently.
- Built a responsive and modern user interface using Tailwind CSS.
- Managed source code and version control using Git and GitHub.
- Links: [GitHub](#) | [Live Demo](#)

CheckMate: Automated Cheque Data Extractor

Python & Streamlit Application

Nov 2024 - Jan 2025

Internship Project

- **Tech Stack:** Python, Streamlit, Image Processing, External Document Processing APIs, MongoDB, Git, GitHub, VS Code
- Built a Python-based web application using Streamlit to extract data from cheque images and PDF files.
- Applied image preprocessing techniques to improve text clarity and extraction accuracy.
- Integrated external document processing APIs to convert unstructured cheque data into structured fields.
- Stored extracted cheque information in MongoDB for validation and future reference.
- Automated manual cheque data entry processes to reduce human effort and processing time.
- Links: [GitHub](#) | [Live Demo](#)

Multi-Class Pneumonia Classification from X-Ray Images

Machine Learning Project

Aug 2025 - Ongoing

Academic Project

- **Tech Stack:** Python, OpenCV, scikit-image, U-Net, DenseNet, ResNet, Transfer Learning, Git, GitHub, VS Code
- Developed a machine learning pipeline to classify chest X-ray images into Normal, Bacterial, and Viral Pneumonia.
- Trained models using both custom training and pre-trained deep learning architectures.
- Applied U-Net architecture for lung region segmentation to remove irrelevant background information.
- Used DenseNet and ResNet models for feature extraction and classification.
- Performed image preprocessing, model training, evaluation, and confidence scoring for reliable predictions.
- Repository: [GitHub](#)

CERTIFICATIONS

- Programming in Python – NPTEL (2023).
- Python Foundation Certification – Infosys Springboard (2023).
- Web Development Certification – Infosys Springboard (2024).
- Front-End Web UI Frameworks and Tools – Coursera (2024).

ACHIEVEMENTS & LEADERSHIP

- Active LeetCode problem solver with consistent practice in Data Structures and Algorithms.
- Active member of ACM Student Chapter, participating in technical workshops and coding-related activities.
- Served as a Google Student Ambassador, helping students explore Google learning resources and programs.