

Ruturaj Shinde

Data Engineer | Python Automation Engineer

Data Engineer and Python Automation Engineer with 2+ years of experience building scalable automation and data processing solutions. Strong expertise in Python-based web automation, REST API integration, document processing (PDF, OCR), and cloud-based translation workflows. Proven ability to design end-to-end pipelines that reduce manual effort, improve data accuracy, and support compliance-driven enterprise applications.

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📍 Mumbai

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🌐 ruturaj-portfolio.netlify.app/

WORK EXPERIENCE

Python Automation Engineer eClerx

03/2024 - Present

Airoli

Achievements/Tasks

- Designed and developed Python-based automation pipelines to extract, validate, and process data from multiple government and corporate web sources.
- Integrated multiple REST APIs for address parsing, OCR processing, document validation, and translation services.
- Implemented end-to-end document processing pipelines including PDF download, OCR normalization, annotation handling, translation, and regenerated audit-ready PDFs.
- Reduced manual data processing effort by 60-80%, improving turnaround time and data accuracy for enterprise operations.

Web Development Intern UNIFIED MENTOR

02/2024 - 03/2024

Remote

Tasks

- As a Web Development Intern, I actively contribute to designing and maintaining web applications, specializing in HTML, CSS, and JavaScript to ensure clean and efficient code.

EDUCATION

Post Graduate Diploma in Advanced Computing

CDAC Acts, Pune

03/2023 - 09/2023

73.13%

Bachelor of Technology

MGM's College of Engineering, Nanded

08/2019 - 08/2022

8.11 CGPA

CORE SKILLS

Programming: Python

Backend: REST APIs, Flask, FastAPI

Automation: Selenium, Playwright, Web Scraping

Document Processing: OCR, PDF Automation


Database: MySQL, MS SQL Server

Tools: Git, Docker, Linux

Cloud: GCP Translation API, Azure Translator, Blob Storage

PROJECTS

AI Article Summarizer App (12/2023 - 12/2023)

- Built with Vite, React, and Tailwind CSS, this tool utilizes advanced AI to provide quick and concise summaries of articles from any URL.
- <https://ai-article-summarizer-ruturaj.netlify.app/> 

Professional Portfolio (11/2023 - Present)

- Discover my portfolio, crafted with Next.js for robust web development, enhanced by sleek animations from Framer Motion, and styled with efficiency using Tailwind CSS. A concise blend of cutting-edge technologies showcasing my work in a dynamic and visually appealing manner.
- <https://ruturaj-portfolio.netlify.app/> 

EXTRA - CIRCULAR ACTIVITIES

Coding Club Member, Mahatma Gandhi Mission's College of Engineering

Actively participated in the college's coding club, engaging with fellow enthusiasts in discussions, coding challenges, and collaborative projects. Strengthened problem-solving skills and developed a deeper understanding of various programming languages

LANGUAGES

English, Hindi, Marathi
Full Professional Proficiency