

Personal Information

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Experience - Fox Solutions Pvt. Ltd.

Role: Automation Engineer

Duration: Jun 2024 - Oct 2024

Location: Maharashtra

Key Contributions:

- Completed 2 months of internship plus 4 months of full-time work.
- Worked with PLC and SCADA systems, focusing on automating processes and optimizing operational efficiency.
- Collaborated with cross-functional teams to implement automation solutions for industrial applications.

Experience - Cei Design Consultancy Pvt. Ltd.

Role: Python Developer Intern

Duration: Aug 2024 - Sept 2024

Location: Remote, Maharashtra

Key Contributions:

- Specialized in data processing using Python and Excel.
- Utilized OpenCV for image processing tasks.

Experience - Ujucode

Role: Subject Matter Expert Intern

Duration: Aug 2023 - Oct 2023

Location: Remote, Maharashtra

Key Contributions:

- Contributed as a Python developer for a ChatBot project.
- Handled backend development tasks and researched Python modules.

Project - Twitter Post Sentiment Prediction

Details:

- Engineered an ETL pipeline using PySpark and SQL.
- Conducted sentiment analysis using NLP (TF-IDF) and optimized hyperparameters.
- Monitored model performance through MLFlow on Databricks.
- Leveraged Google Cloud Storage and MySQL for data management.
- Deployed the model using Docker and hosted it on Render.

Project - Text-Text Chat-Bot

Details:

- Designed an advanced Chat-Bot using the NVIDIA API and prompt engineering.
- Features include paraphrasing, grammar correction, AI detection, plagiarism checking, and content summarization.
- Targeted at content creators, researchers, and businesses.
- Technologies Used: HTML, CSS, Python Flask, Cloud Database, and Render.

Project - Hand Gesture Recognition

Details:

- Used Google's MediaPipe framework for detecting hand landmarks and gestures.
- Created and labeled a custom dataset of hand gestures for training.
- Developed a Streamlit application to improve accessibility and flexibility.

Technical Skills

Languages: MySQL, Python, HTML, CSS

Technologies: Streamlit, Flask, VS Code, GitHub, MLflow, Docker, PySpark, Databricks, Google

Cloud Platform

Certification

MLOps Bootcamp: Mastering AI Operations for Success (Jun 2024)

- Learned about the MLOps lifecycle and modular programming.
- Acquired skills in Git, Python, Flask, and MLflow.

Education

Bachelor of Technology in Electronics and Telecommunication (May 2024)

Institution: SVERI-s College of Engineering, Pandharpur, Maharashtra

Score: 81.71

Diploma in Electronics and Telecommunication (May 2021)

Institution: SVERI-s College of Engineering, Pandharpur, Maharashtra

Score: 91.73

Bloggging

1. Comprehensive Docker Guide - Containerizing Flask Applications

- Explained core Docker components, including Dockerfile, images, and containers.
- Provided hands-on tutorials for building, running, and scaling applications.

2. What is Statistical Inference?

- Discussed parametric inference and hypothesis testing using real-life examples.

Languages

English, Marathi, Hindi

Soft Skills

Critical Thinking, Intellectual Rigor, Problem Solving, Understanding Business Needs