

VIJAY UDAY PAWAR

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Enthusiastic and result-oriented Software Engineer with 4.5 years of experience in system design, development, testing and operational stability within a corporate environment. Proven ability to work independently and collaboratively on projects from conception to implementation. Eager to leverage expertise in AI/ML to contribute to innovation and drive business growth.

PROFESSIONAL EXPERIENCE

1. Skandha Media Services, Mumbai

(September 2022 – PRESENT)

Designation : SDE2

a. Evince – AI/ML tool for graphic detection:

- Developed and implemented monitoring system with machine learning models, resulting in elimination of human intervention and elimination of manual error by 100%
- Utilized popular libraries and frameworks such as TensorFlow and OpenCV for model development and evaluation.
- Participated in code reviews, providing constructive feedback and ensuring code quality and best practices.
- Optimized models to achieve high accuracy and efficiency, considering factors like computational cost and explainability.
- Collaborated with cross-functional teams to integrate ML models into production.
- Monitored and maintained ML models in production, ensuring optimal performance and addressing any issues.

b. Monitoring Dashboard using ELK stack:

- Led the design and development of a real-time log monitoring Dashboard using the ELK stack and shell scripts.
- Effectively visualized and reported insights from large, diverse data sets, contributing to continuous improvement of software applications and systems.
- Worked on data preprocessing tasks, cleaning and transforming datasets to extract meaningful insights.
- This dashboard empowering clients in their ad placement strategy.

c. System Integrator:

- Creating & deploying infrastructure required for live streaming on cloud platforms.
- Worked of various services provided by GCP and AWS cloud platform
- Keep track of all the version of company product and make sure the required version is installed on all playout.
- Created test cases & conducted Software testing of new releases.
- Collaborated with developers and client to understand requirements and provide excellent service which will satisfy clients requirement
- Developed and implemented performance improvement strategies and plans to promote continuous improvement

2. MSME Business Solution, Mumbai

(August 2016 – September 2022)

Designation: Process Head

- Working as process head in the MSME Consulting firm, which act as helping hand for the MSME units.
- Mainly responsible for reviewing documents and preparing various reports as per the government requirement.
- Client and Government Department communication.
- Resolving queries raised by concerned Department

3. Tata Consultancy Services, Mumbai

(December 2013 – July 2016)

Designation: Associate Programmer

- Understanding and Analyzing client requirements.
- Responsible to develop programs and perform various testing technique.
- Demonstrated knowledge of Software Development Life Cycle and Agile Methodology
- Reviews project activities for compliance with procedures and standards.

TECHNICAL SKILLS:

- Programming Languages: Proficient in Python & Java
- Data Analysis: Pandas, NumPy, SKLearn, Matplotlib
- Machine Learning: Basic understanding of OpenCV, TensorFlow, Keras, Scikit-learn
- Web Technologies: Django, React, HTML, CSS, JavaScript
- Cloud Platforms: AWS, GCP
- Version Control: Git & Github
- Configuration Management: Chef, Ansible, Docker, Jenkins
- Logging and Monitoring: ELK Stack & Tableau
- Database Systems: MySQL
- Proficient in MS Office

ACCOMPLISHMENTS & CERTIFICATIONS:

- Completed CFA Level 1
- Google Cloud Platform (GCP) Certified Associate Cloud Engineer, showcasing expertise in deploying and managing cloud-based solutions on GCP.
- Certification in Python for AI/ML from ExcelR
- Receiver of three “Kudos Awards” from client side while working with TCS
- Created VBA macros & templates, which reduced almost 95% of the manual work.

PROFESSIONAL DEVELOPMENT:

- Interested in learning Kubernetes for enhanced containerization and deployment strategies.

EDUCATION

- Bachelor of Science (Information Technology) -2013
From D G Ruparel College, Matunga (Mumbai University)