

## Summary

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- Around 5 years of experience in implementing web applications using Python technology with MVT, micro services frameworks.
- Good experience in using frameworks like **Flask, Django**
- Good knowledge in using tools like **Docker, Jenkins, Bitbucket, GIT**
- Very good experience in using **Agile/Scrum** methodology for applications and working in Test Driven Development
- Good knowledge in developing backend logic using databases like **MySQL, PostgreSQL, MongoDB**
- Expertise in developing business solutions with excellent knowledge on Object Oriented analysis, Design and Development principles.
- Experience in developing applications using IDEs like **PyCharm, VS Code**.
- Possess good knowledge on writing unit test cases using unit test and mock frameworks in Test Driven Development
- Excellent team player, quick learner and self-starter with effective communication, motivation and organizational skills combined with attention to details and business process improvements.
- Basic knowledge on HTML, CSS, JavaScript

## EDUCATION

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**Great Lakes of Institute Management (PG)**

*Artificial Intelligence and Machine Learning  
Percentage: 96%*

Bangalore  
(2020-2021)

**Vel tech Technical University (B.TECH)**

*Electronics and Communication Engineering  
Percentage: 81%*

Chennai  
(2014-2018)

**Narayana Junior College**

*Intermediate  
Percentage: 93 %*

Hyderabad  
(2012-2014)

**Narayana Concept School**

*Matriculation  
Percentage: 92 %*

Proddatur, AP  
(2012)

## WORK EXPERIENCE

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- Working as a **Senior Software Engineer** in **SimplifyVMS**, Hyderabad from Aug 2022 to till date.
- Previously worked as **Software Engineer** in **TCS**, Bangalore from Dec 2018 to July 2022

## PROFESSIONAL EXPERIENCE

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**Simplify VMS**

*Python Developer*

Hyderabad

Aug 2021 – Present

**Project:** Statement of work (SOW)

**Technologies:** Python, Django REST, Docker, Bitbucket, Apache Kafka, Elasticsearch, NumPy, Pandas, MySQL, GIT, AWS, unit test.

**Project Description:**

A Statement of Work is a widely used document in project management that defines the necessary tasks for a particular project. It provides a detailed overview of the project activities, deliverables, milestones, progress updates, and timeline for a vendor who is providing services to a client. The SOW serves as a valuable tool for tracking all the work carried out by the vendor, starting from the project's approval to its successful completion.

**Project:** RFx Project Management

**Technologies:** Python, Django, Docker, Celery, Celery beat, MongoDB, PostgreSQL, Bitbucket, GIT, AWS, unit test.

**Project Description:**

The RFx project initiates with the issuance of an RFx document to solicit proposals from vendors. Vendors then send in their bids, showing what they can do. We carefully compare these bids based on specific criteria to pick the best vendors. Once chosen, the vendors work together to make a detailed plan called a Statement of Work (SOW). This plan lays out all the tasks, deadlines, and what needs to be done, guiding the project to success.

**Responsibilities:**

- Actively participated in client interactions and status meetings to gather requirements and provide project updates.
- Implemented robust code using Python with the Django framework, ensuring adherence to best practices and project requirements.
- Collaborated with clients to conduct Requirement Functional, Technical Analysis, Design, and Development phases.
- Developed RESTful APIs on the server side to facilitate seamless communication between different components of the system.
- Conducted thorough Code Reviews and contributed to Code Refactoring initiatives to improve code quality and maintainability.
- Utilized Docker for containerization, ensuring consistent deployment environments across different stages of the project.
- Employed Apache Kafka for scalable and fault-tolerant messaging between distributed systems.
- Integrated Elasticsearch for efficient searching and indexing of project-related data.
- Leveraged NumPy and Pandas for advanced data manipulation and analysis tasks.
- Implemented background task scheduling using Celery and Celery Beat for efficient task management and automation.
- Integrated MySQL, PostgreSQL, and MongoDB for flexible and scalable data storage solutions, depending on project requirements.
- Employed GIT for version control, ensuring efficient collaboration and code management within the development team.
- Deployed the project on AWS infrastructure, optimizing performance, scalability, and cost-efficiency.
- Implemented comprehensive unit tests to ensure the reliability and functionality of developed features.

**Tata Consultancy Services**  
*Software Engineer*

Bangalore  
*Dec 2018 - Aug 2021*

**Project:** TCS Bancs Approval workflow

**Technologies:** Python, Flask, MySQL, GIT, unit test

**Project Description:**

The Approval Workflow Module is a critical part of the system that governs the approval process for new jobs, loans, LOCs, and other related events. It offers various approval workflow options, including sequential and pool, and enables mass approval as well. The system has a configuration tool that sets the specific approval workflows for different types of events, activating the correct workflow according to the properties and conditions specified in the configuration.

**Responsibilities:**

- Executed build and deployment activities for web-based systems, ensuring smooth and efficient deployment processes.
- Implemented test cases using unit testing frameworks to validate the functionality and reliability of the developed software components.
- Facilitated the migration of applications from development and test environments, ensuring consistency and accuracy across different stages of the software development lifecycle.
- Managed multiple builds from the development team, creating builds and performing deployment activities as required.
- Actively participated in Scrum meetings for sprint planning and progress tracking, contributing to the Agile development process.
- Engaged in code reviews and peer-to-peer code refactoring sessions, fostering collaboration, and maintaining code quality standards.

## Technical SKILLS

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**Programming Languages:** Python

**Web Frameworks:** Django, Flask

**Messaging Servers:** Apache Kafka

**Task Queues:** Celery, Celery Beat

**Web Technologies:** HTML, CSS, JavaScript, Bootstrap

**Cache:** Redis

**Database:** MySQL, PostgreSQL, MongoDB, Elasticsearch

**Version Control:** Git

**Tools and Libraries:** Docker, Bitbucket, Jira, NumPy and Pandas

**Cloud Platform:** AWS

**SDLC:** Agile/Scrum

**IDES:** PyCharm, VS Code

**Web Services:** REST

**Operating Systems:** Windows, Linux