

Sri Ram

Profile

Having 6+ years of relevant experience as backend web application developer with hands on design, development and testing. A dedicated Engineer to work collaboratively with team, and experienced in delivering sophisticated back-end web applications.

Career Timeline

Working as Associate Team Lead at Trellissoft Engineering Services Pvt.Ltd, Bengaluru

JUNE 2021 – PRESENT

Worked as Software Engineer at 9th Pixel Technologies India Pvt.Ltd, Hyderabad

JANUARY 2020 – MAY 2021

Project Experience

Project #4: Invoicing

APRIL 2023 – PRESENT

Description: Invoice management system aims at developing a comprehensive web application that facilitates the entire invoicing process for businesses by incorporating user onboarding, invoice generation, key performance indicators (KPIs) tracking, invoice listing, and contract management capabilities. It also has payment gateway integration, where customer can pay invoices by their own selection of payment gateway.

Technology: Python, Flask, REST APIs, gRPC, PostgreSQL, Docker, Docker-Compose

Responsibilities:

- Involving in design, development of backend modules and testing of functionalities to meet requirement guidelines.
- Building RESTful APIs with necessary security features and validations for effective handling of request-response cycle in Flask
- Design, develop database model architecture and updating model attributes as per requirement using python SQLAlchemy toolkit
- Processing, validating Invoices fetched through various file imports or from third party vendor as per designed criteria through data pipeline using kafka, pandas
- Working on white label based Project architecture to make use of reusable codebase to have similar functionality
- Integrating payment gateway solutions for invoices payment
- Improving codebase with the help of linters, and optimizing Querysets to reduce latency while data processing and listing.
- Developed utilities using OOPs concepts
- Writing test-cases using pytest testing framework with more code coverage for every developed functionality
- Preparing and updating code review guidelines as per framework as well as programming standards and performing Code review
- Developing Microservices for different modules and containerizing each microservice with the help of docker and maintaining multiple containers using docker compose

Details

Bengaluru

India

9606887539

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Skills

Python, pytest

Django

Flask, SQLAlchemy

FastAPI

PostgreSQL, MySQL

Linux, Windows

Docker, Docker-Compose

AWS

Github, Bitbucket

Languages

English

Telugu

Hindi

- Maintaining branching strategy for development and version control
- Performing release on testing servers and preparing release notes
- Participating in client meetings and requirement gathering sessions
- Planning sprint tasks and allocation based on priority and resource capacity
- Providing training and mentorship to Interns
- Using Scrum for managing the sprints

Project #3: Asset Based lending

JUNE 2021 – MARCH 2023

Description: Project offers an advanced platform for asset based lending for users and the ingestion of invoices from thousands of individual receivable sellers. The platform provides comprehensive tools to automate, optimize, and manage receivables financing.

Technology: Python, Django, Django REST, PostgreSQL, Docker, Docker-compose

Responsibilities:

- Design and develop REST APIs and database Models in Django and Django Rest Framework
- Implemented exception handling to handle potential exceptions with proper logging mechanism
- Implemented utility classes and functions to achieve desired business logic with good coding practices in python
- Developed ordering and filtering of invoice listing for various custom attributes
- Implemented various decorators to extend functionality of views and methods
- Worked on user authentication, authorization and throttling of APIs with the help of django in built features
- Worked on creating asynchronous and periodic tasks using Celery
- Implemented extended model methods, properties and customized django admin data listing
- Optimized code by avoiding identified code issues with pylint and following good practices to reduce code complexity if found using sonarlint
- Used pdb package for debugging python code to identify issues
- Worked on Hubspot Integration for contact mapping
- Worked on Western Union payment gateway and gocardless auto-debit Integration
- Performed code refactoring and Query Optimization
- Performed Security scanning using OWASP ZAP, Burp Suite tools
- Worked on embedding Spreadsheet calculations to Python Code
- Worked on PPSR registration, Filing, Removal of Merchants and Consumers
- Involved in Requirement gathering and solution discussions

Project #2: Customer Service application(e-commerce)

JANUARY 2020 – MAY 2021

Description: The customer service application provides a platform for communication between customers and support teams. It includes user authentication with distinct roles for customers, representatives, and administrators. Technology: Python, Django, Django REST, MySQL Responsibilities:

- Worked on customer service Integration for consumer queries
- Created Models and APIs in Django's MVT architecture for data processing
- Created Schema validations for data sanitation
- Worked on Complex queryset design for filtering, sorting of data listing
- Designed Synchronous/Asynchronous tasks with celery and Redis
- Worked on Third Party API Integration
- Developed clean, readable and reusable code
- Written unit test cases and achieved more code coverage

Project #1: NephroHealth

JANUARY 2018 – DECEMBER 2019

Description: NephroHealth Therapy Guide is an essential online guide that offers detailed insights into therapies for kidney-related ailments. The platform is tailored to meet the needs of patients, families, and healthcare providers by delivering up-to-date information on the latest treatment protocols, clinical trials, and best practices in nephrology

Technology: Python, Django, MySQL

Responsibilities:

- Designed templates for various screens in applications
- Developed form handling in application
- Integrated Bootstrap components to improve development processes.

Education

Master of Technology, Sri Vasavi Engineering College, Tadepalligudem

AUGUST 2013 – JANUARY 2016

Bachelor of Technology, Laqshya Institute of Science and Technology, Khammam

SEPTEMBER 2008 – JANUARY 2012