
PROFESSIONAL SUMMARY

Software Engineer with 1+ years of experience building full-stack and backend applications using Django, Django REST Framework, React.js, and PostgreSQL. Experienced in REST API design, database architecture, SQL query optimization, cloud deployment, and scalable application development. Hands-on experience with AWS, GCP, Docker, asynchronous processing, and multi-tenant SaaS platforms.

TECHNICAL SKILLS

- Languages: Python, JavaScript, SQL
- Backend: Django, Django REST Framework, FastAPI, Flask, Celery
- Frontend: React.js
- Databases: PostgreSQL, MongoDB, SQL Server, Redis
- Cloud & DevOps: AWS (Lambda, EC2, S3, IAM, SNS, Cognito, API Gateway, DynamoDB), Docker, Git, GitHub
- Tools: Postman, Sage 100 ERP

WORK EXPERIENCE

LOGIX BUILT SOLUTIONS LTD SOFTWARE DEVELOPER

SEPTEMBER 2025 - PRESENT

CRESCOFY – MULTI-TENANT CRM & INVENTORY INTELLIGENCE PLATFORM

STACK :- DJANGO, REACT.JS, POSTGRESQL, SQL SERVER, SAGE 100 ERP, CELERY, REDIS, DOCKER, GCP

- Developed scalable backend services for a multi-tenant SaaS CRM platform using Django and Django REST Framework, supporting fully isolated tenant environments.
- Designed complex REST APIs with optimized Django ORM queries, annotations, and subqueries, reducing average response time across high-traffic endpoints.
- Implemented tenant isolation and idempotent request handling to guarantee data integrity and prevent duplicate transactions during concurrent operations.
- Engineered asynchronous workflows with Celery and background workers to automate report generation, scheduled jobs, and long-running business processes.
- Integrated Redis caching to minimize database load and accelerate response times for frequently accessed API endpoints.
- Built a machine learning-powered recommendation engine to predict customer purchase quantities and forecast expected reorder dates.
- Architected an inventory analytics engine that generated intelligent stock recommendations using historical sales trends and configurable business rules.
- Synchronized data across Sage 100 ERP, PostgreSQL, and Microsoft SQL Server to unify multi-source inventory and financial records. Collaborated with frontend engineers to deliver React-based dashboards for real-time business analytics and inventory visualization.
- Containerized backend services with Docker and supported deployment and maintenance workflows on Google Cloud Platform.

INJURIATRACK – LEGAL & HEALTHCARE CASE MANAGEMENT SYSTEM

STACK :- REACT.JS, PYTHON, AWS LAMBDA, API GATEWAY, DYNAMODB, COGNITO, SNS, S3, WEBSOCKET, IAM

- Built serverless backend services on AWS Lambda to power a sensitive legal and healthcare case management platform.
- Constructed REST APIs through API Gateway to support secure, scalable, and event-driven application workflows.
- Established role-based access control using Amazon Cognito and fine-grained IAM policies to safeguard sensitive case data.
- Delivered real-time lawyer-client messaging by implementing WebSocket-based chat functionality.
- Configured Amazon SNS to trigger instant notifications for case status changes and critical application events.
- Secured document storage in Amazon S3 for medical records, legal filings, and supporting case documentation.
- Optimized DynamoDB schema and partition key design to improve query efficiency and reduce read/write latency.
- Enforced secure authentication and authorization flows to meet healthcare and legal datahandling requirements.
- Strengthened backend reliability through structured exception handling, centralized logging, and proactive monitoring.

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MARCH 2025 - AUGUST 2025

TRAINEE SOFTWARE ENGINEER

- Gained hands-on experience in developing RESTful APIs using Flask and FastAPI, following clean architecture and best coding practices.
- Worked with MongoDB and DigitalOcean Managed Databases, performing CRUD operations, query optimization, and database integration.
- Implemented authentication, request validation, error handling, and API documentation to build secure and maintainable backend services.
- Collaborated with senior developers using Git for version control, participated in code reviews, debugging, testing, and agile development workflows.

PROJECTS

SmartBiz360 - Business Management Platform

GitHub: <https://github.com/parthiv2111/SmartBiz360>

STACK: FLASK, FLASK REST APIS, REACT.JS, POSTGRESQL, SQLALCHEMY, FLASK-SOCKETIO, JWT

- Developed SmartBiz360, a full-stack business management platform supporting CRM, inventory, products, customers, orders, finance, HR, project, and supplier management.
- Built modular REST APIs with Flask Blueprints and SQLAlchemy, organized into maintainable domain-based modules.
- Implemented JWT-based authentication and role-based access control for Admin, Manager, and User roles.
- Developed dashboards and analytics for revenue trends, customer insights, product performance, sales performance, and inventory value.

- Built inventory workflows for product tracking, stock-status updates, low-stock monitoring, supplier management, and purchase orders.
 - Implemented end-to-end customer and order management, including order lifecycle updates and automatic inventory adjustments.
 - Added CSV/Excel import-export capabilities for customers, products, orders, and CRM reports.
 - Integrated Flask-SocketIO to provide real-time project updates and enabled secure image uploads for products and user avatars.
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EDUCATION

- Bachelor of Technology in Information Technology
- Sarvajanik College of Engineering & Technology
- Nov 2021 – June 2025 | CGPA: 9.01