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DISHANT RAUT

Career Objectives

To secure a challenging Technical Lead position within a dynamic organization where I can leverage my 6.9 years of experience in Python, Go Lang, JavaScript & PMP to architect, develop, and implement robust software solutions. I am eager to contribute to the development of innovative products by leading and mentoring development teams, while continuously expanding my technical expertise.

Executive Profile

Web Development **|** API Development **|** Project Management **|** Identify-Prioritize-Execute Tasks in SDLC **|** Full Stack Development **|** Software Design & Architecture **|** ISO20022 **|** ISO8583 **|** BRD **|** EDA **|** ETL Pipeline **|** Automation **|** Requirement Analysis **|** Delivery Management **|** Effort Estimation & Billing **|** SaaS

Technical Competencies

Programming Language	: Python
Learning Language	: JavaScript - Go Lang
Database	: MySQL - SQLite - PL/SQL
OS	: RHEL8 - CentOS8 - Windows - Ubuntu
Skills	: SDLC - Agile - Project Management - Cloud (GCP / Linode / AWS)
Tools	: VSCode - Git - PyTest - Selenium - Django - Flask - FastAPI - JIRA – Confluence

Experience Summary

Sekel Tech: SaaS Hyperlocal Platform

Project Name	Hyperlocal Discovery Omni Commerce
Organization	Sekel Technologies Pvt Ltd
Duration	From 23th December, 2024 – To 7th March, 2025
Environment	AWS, DRF, JIRA, CI/CD, Flask, Python & Go Lang

Role	Backend Team Leader, Project Management & Automation

Description of Project:

Hyperlocal discovery & omni-commerce SaaS solutions, empowering brands, dealers, and stores to drive foot traffic and generate high-quality leads. Help businesses bridge the gap between online discovery and in-store experiences by leveraging advanced technology to deliver targeted, location-based solutions that convert digital interactions into real-world sales.

Responsibilities:

- Enforce coding standards, security, and best practices.
- Implement CI/CD pipelines and automate deployments.
- Implementation of RAG AI Agents for different business needs.
- Manage AWS infrastructure, including EC2, S3, Lambda, and RDS.
- Design and implement scalable, high-performance backend systems.
- Optimize OLTP (Online Transaction Processing) and OLAP (Online Analytical Processing) systems.

Resolve bottleneck, maintain RCA, maintain JIRA hygiene with planned sprints using Agile & SCRUM methodologies.

NymbleUp: SaaS Platform

Project Name	QSR E2E software
Organization	NymbleUp
Duration	From 04th October, 2024 – To 30th December, 2024
Environment	AWS, DRF, RDS, PL-SQL, EC2
Role	Code Review, Project Management, Development of API

Description of Project:

We're building a cutting-edge AI-powered workforce management platform designed to revolutionize staffing and scheduling processes. Our solution leverages advanced machine learning algorithms to predict demand, optimize task allocation, and minimize labor wastage. By streamlining operations and maximizing resource utilization, we aim to empower businesses to achieve unprecedented efficiency and productivity.

Responsibilities:

- Design, develop, and maintain robust and scalable backend services using technologies like Django REST Framework (DRF) and AWS (EC2, RDS, PostgreSQL).

- Build RESTful APIs to expose backend functionalities and integrate with frontend applications.
- Design and implement efficient database schemas to store and retrieve critical data.
- Contribute to the overall system architecture, ensuring scalability, performance, and maintainability.

Mphasis: Dedicated Projects Only

Project Name	Test Acceleration Framework
Organization	Mphasis
Duration	From 16th February, 2024 – To 30th August, 2024
Environment	Windows, Django, Selenium Base, SWIFT, ISO2022, Automation UAT
Role	Identify - Prioritize - Execute task in SDLC with, 9 people team across globe.

Description of Project:

This project involved creating a comprehensive test acceleration framework using SWIFT, Django, Selenium, and Behave. Key components included an API for interacting with internal tools, building and packaging executable automation for end users and UAT teams, and re-architecting the framework for improved flexibility and robustness. Additionally, a GSM Utility was developed to handle batch processing of mainframe transactions end-to-end.

Responsibilities:

- Establish specific objectives for code reviews and maintenance to ensure alignment and focus.
- Clearly outline the responsibilities of team members involved in code reviews and maintenance.
- Implement efficient procedures for conducting code reviews, including frequency, scope, and documentation.
- Allocate adequate resources to prevent technical debt and ensure system reliability.
- Encourage knowledge sharing and teamwork among team members to improve code quality and efficiency.
- Continuously assess the effectiveness of code review and maintenance practices and make necessary adjustments.

OmniPayments: Shared resource for multiple projects hence common timeframe is observed

Project Name	Compensation / MDR
Organization	OmniPayments
Duration	From April, 2023 – To 15th February, 2024
Environment	RHEL8, Python 3.8, Flask, MySQL, Bootstrap 3.5, Peewee
Role	Requirement Gathering, Project Management, Client Handling & PMP

Description of Project:

Develop a high-performance batch processing system to handle millions of POS transactions efficiently across multiple time zones for conciliation and reconciliation of transactions count and amount in between Issuer bank, Acquirer bank & Brands. The project involves complete SDLC management, accommodating evolving requirements, and optimizing performance through distributed processing, caching, asynchronous tasks, message queues, load balancing, database tuning, and code refactoring.

Responsibilities:

- Actively engage with stakeholders to understand their needs and expectations.
- Translate these requirements into a clear, shared vision that outlines project objectives, scope, and deliverables
- Use the BRD as a foundation for subsequent phases to minimize risks and maximize project success.
- Facilitate communication and collaboration among all parties involved.
- Monitor progress, address challenges, and make necessary adjustments to keep the project on track.

Project Name	BAASKIT
Organization	OmniPayments
Duration	From April, 2023 – To 15th February, 2024
Environment	WSL2, Docker, Python, Flask, Bootstrap 5.0, jQuery, Ajax, ORM
Role	Development, Unit Testing

Description of Project:

This project involved building a scalable Banking as a Service (BaaS) platform for Basskit, a Chilean startup. Utilizing WSL2, Docker, Python, Flask, Bootstrap, jQuery, Ajax, and ORM, we created a comprehensive payment solution under a SaaS model for Merchant Discount Rate processing. The platform successfully integrated multiple payment gateways, ensured robust security, and optimized performance to meet Basskit's specific needs.

Responsibilities:

- played a multifaceted role in the project's development and testing.
- Designing and implementing backend logic using Python and Flask.
- Creating the user interface using Bootstrap and jQuery.
- Conducting thorough unit testing to ensure code quality and functionality.
- Actively participating in code reviews, troubleshooting issues, and adhering to project timelines.
- Collaborating effectively with my colleagues to deliver a successful project.

Project Name	Tax Payment Services - TGR
Organization	OmniPayments
Duration	From March, 2023 – To November, 2023
Environment	CentOS 7, Podman, Python, Django, React, SQLite, DRF
Role	Re-Arch Boilerplate codebase, UT & P0 issue solving with RCA

Description of Project:

This project involved creating a tax calculation and application system for Eco Pay Net in Colombia. Utilizing CentOS 7, Podman, Python, Django, React, SQLite, and DRF, we built a rule-based system to accurately determine and apply taxes on various transactions. The system successfully integrated with payment platforms and ensured compliance with tax regulations, enhancing Eco Pay Net's transaction processing efficiency.

Responsibilities:

- Writing and modifying Python code using Django and DRF to implement the tax calculation logic and integrate with the rule engine.
- Ensuring code maintainability, readability, and efficiency.
- Developing and executing tests to verify the correctness of the code.
- Participating in code reviews and identifying potential issues.
- Assisting with troubleshooting and resolving production problems.
- Collaborating effectively with other team members to achieve project goals.

Project Name	Same Day Payment Settlement
Organization	OmniPayments
Duration	From 7th December, 2020 – To February, 2023
Environment	RHEL8, Docker, FastAPI, Nginx, MySQL, GitLab, Python
Role	Data Warehousing, DevOps & Git/GitLab pipelines with auto deployment

Description of Project:

This project involved developing a high-performance batch processing system for Opsol Integrations to process one million transactions within 20 minutes with 108 reports of specific format and calculations. Utilizing RHEL8, Docker, FastAPI, Nginx, MySQL, GitLab, and Python, we created a solution optimized for efficient transaction handling. The system successfully achieved its goal by optimizing data warehousing, implementing parallel processing, and ensuring robust error handling.

Responsibilities:

- Designing and implementing data models and optimizing database queries.

- Developing the batch processing pipeline using Python and related technologies.
- Contributing to infrastructure setup, containerization, and deployment.
- Participating in unit testing to ensure code quality.
- Assisting with troubleshooting and resolving production issues.

Karma Management Consultant Pvt Ltd: Shared resource for two projects hence common timeframe is observed

Project Name	LFS - Labor Law Filtering System
Organization	Karma Management Consultant Pvt Ltd
Duration	From June, 2020 – To 4th December, 2020
Environment	AWS (EC2), Flask, MySQL, Web Scraping, RASA – NLP
Role	Development from scratch along with UT, QA & deployment

Description of Project:

This solo development project involved creating a web application for auditors to access and filter labor laws. As the sole developer, I handled data scraping, database management, API integration, UI development, and testing. The LFS project successfully delivered a user-friendly web application powered by Flask, enabling auditors to efficiently search for and access labor laws from various online sources.

Responsibilities:

- Developing robust scripts to extract labor law data from various online sources.
- Designing and implementing an efficient database structure to store and retrieve data.
- Creating a user-friendly interface to facilitate easy access and navigation.
- Conducting thorough testing to ensure the system's reliability and accuracy.
- My efforts resulted in a successful LFS application that provided auditors with a valuable tool for labor law research.

Project Name	HR Compliance Automation
Organization	Karma Management Consultant Pvt Ltd
Duration	From June, 2020 – To 4th December, 2020
Environment	Python, GCP – Vision API, REST API
Role	Development + UT + QA

Hannover Re: Dedicated Projects Only

Description of Project:

This project involved developing an HR compliance automation solution using Python and GCP's Vision API. As a key team member, led the entire development process, including designing, coding, testing, and implementation. The system successfully streamlined HR compliance by automating form filling and data extraction from salary sheets, reducing manual effort and increasing efficiency.

Responsibilities:

- Developing robust algorithms using Python and GCP's Vision API to extract data from salary sheets accurately.
- Ensuring seamless integration between the extracted data and HR compliance forms.
- Conducting thorough testing to verify the accuracy and reliability of the automation solution.
- My contributions were instrumental in delivering a successful HR compliance automation solution that significantly improved efficiency and accuracy, resulting in time savings and reduced errors.

Project Name	DMS (Data Movement & Storage)
Organization	Hannover Re
Duration	From May, 2020 – To May, 2020
Environment	Pandas, Microsoft SQL Server, Watchdog, Shell Scripting
Role	Development & UT

iRobokid: Dedicated Projects Only

Description of Project:

This project focused on developing Python-based ETL pipelines for ad-hoc data movement and storage of reinsurance data at Hannover Re - India. The solution incorporated automation features and EDA capabilities to streamline data processing and analysis.

Responsibilities:

- Designing and implementing ETL pipelines using Python, Pandas, and SQL Server.
- Creating and executing unit tests to ensure pipeline accuracy and reliability.
- Participating in code reviews and identifying potential issues.
- Developing automation scripts using Watchdog and Shell Scripting to streamline data movement and processing.
- Conducting exploratory data analysis to uncover insights and inform data-driven decision-making.

Project Name	Coding Content Creator
Organization	iRobokid

Duration	From June, 2018 – To March, 2020
Environment	Python, Core Java 8, Arduino, Raspberry Pi, Scratch, Blockchain, Orange ML
Role	R&D, Content / Scripts creation & train EXTC engineer for technology

Description of Project:

As a Technical Trainer at iRobokid, I was involved in developing new content around trending technologies and training newly recruited EXTC engineers. The project focused on equipping students with practical skills in Python, Core Java 8, Arduino, Raspberry Pi, Scratch, Blockchain, and Orange ML.

Responsibilities:

- Developing innovative training content aligned with industry trends and student needs.
- Delivering engaging and informative training sessions to EXTC engineers.
- Providing guidance and support to students throughout their learning journey.
- Developing interactive materials, such as presentations, tutorials, and practical exercises.
- Maintaining a strong understanding of the technologies being taught and addressing student queries.

Personal Details

Languages
- Spanish
- English

Strengths
- Strong focus on achieving project goals and delivering high-quality outcomes.
- Proven ability to lead and collaborate effectively within cross-functional teams.
- Ability to break down complex problems into manageable components and develop effective solutions.

Interests
- Enthusiasm for creating scalable and efficient software solutions.
- Keen interest in exploring and implementing cutting-edge technologies.
- Continuously learning about new developments in the software industry.