TWISHA SONPAL

Junior Software Engineer

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SUMMARY

I am a Junior Software Engineer specializing in Python programming and Odoo ERP development. Currently pursuing a B.E. in Computer Science Engineering, I have hands-on experience in developing custom modules and integrating APIs to optimize business processes. My dedication to delivering user-friendly software solutions and my focus on continuous improvement make me a valuable asset to any tech-driven organization.

KEY ACHIEVEMENTS

❖ **OAuth Integration Success**

Implemented Google OAuth, improving login efficiency by 30%

❖ **Bug Resolution Expert**

Resolved 50+ bugs in Odoo, enhancing system performance by 25%

❖ **Seamless Odoo Migration**

Successfully migrated 20+ Odoo modules, ensuring 100% compatibility

❖ **Advanced Reporting Design**

Created dynamic reports, increasing the accuracy of business insights by 40%

EXPERIENCE

01/2024-Present

Ahmedabad, Gujarat.India

◆ **Junior Software Engineer**

Aktiv Software

A software development company specializing in ERP solutions and custom software

- Successfully implemented Google OAuth for secure and seamless user login, following API best practices to enhance system efficiency.
- Migrated Odoo modules and databases between versions, ensuring compatibility and system stability. Resolved data transformation issues and managed module dependency conflicts.
- Developed custom modules tailored to client-specific requirements. Enhanced workflows, views, and functionalities to improve user experience.
- Integrated third-party APIs to extend Odoo's functionality. Developed RESTful APIs for seamless data exchange with external systems.
- Identified and resolved bugs in custom and core Odoo modules. Optimized scripts and database queries to improve system performance.
- Designed and customized dynamic reports using QWeb for actionable business insights.
- Collaborated closely with functional consultants to gather and implement client requirements. Created documentation for end-users and team members.

EDUCATION

01/2022-08/2025
Ahmadabad, Gujarat. India

◆ **B.E in Computer Science Engineering**
L.J Institute of Engineering and Technology

07/2019-07/2022
Ahmadabad, Gujarat. India

Diploma in Computer Engineering
Gujarat Technological University

LANGUAGES

English
Proficient

Hindi
Proficient

Gujarati
Native

SKILLS

- ❖ **Programming Languages**: Python, JavaScript, Java, PHP

- ❖ **Frameworks & Libraries**: Django, jQuery

- ❖ **Database Management**: SQL

- ❖ **Web Development:** HTML, CSS

- ❖ **ERP Platforms:** Odoo

PROJECTS

Car Sensing System

📅 02/2024 - 02/2024

- Developed a Python-based application to detect speeding vehicles and capture screenshots, improving traffic monitoring.

Data Analysis dashboard

📅 01/2023 - 01/2023

- Visualized sales data, revealing trends such as top-selling categories (Food, Electronics) and buyer demographics, enabling better decision making.

Voting System

📅 02/2023 - 02/2023

- Designed a voting system using Python that allows users to participate in elections and analyze winning categories.

Fab Grocery

📅 02/2022- 02/2022

- Created an e-commerce site using HTML, CSS, and JavaScript, delivering products during the pandemic in under 1 hour

Quiz Application

📅 01/2023 - 01/2023

- This system is created using Python. This system work as a quiz game in which you can participate and by answering question you can know your solving ability.

Voice Recorder

📅 01/2023 - 01/2023

- Developed a Django-based web application to record and manage audio files. Implemented features to record high-quality audio directly through the browser and designed an intuitive interface for seamless user interaction and efficient file management.

Co-curricular activities

- ❖ Qualified coding ninja round 1 contest

- ❖ Participated in TCS NQT

- ❖ Participated coding ninja round 2 contest

Tools and Software

- ❖ PG Admin
- ❖ Pycharm
- ❖ Github
- ❖ Sublime Text Editor
- ❖ Jupiter notebook
- ❖ Visual studio