Twisha Sonpal

Junior Software Engineer | Python & Odoo ERP Developer Ahmedabad, Gujarat, India | twishasonpal123@gmail.com | +91-9428970313
Portfolio: https://twishasonpal.github.io/portfolio/

Professional Summary

Highly motivated **Software Engineer** specializing in **Python, Odoo ERP, and full-stack development**, with a strong focus on building scalable and user-centric solutions. Experienced in **API integrations, process automation, and data-driven applications** that have improved efficiency and client satisfaction. Completed a **B.E. in Computer Science Engineering**, with hands-on experience in delivering projects that solve real-world business challenge

Key Achievements

- Enhanced login security and efficiency by **30%** through **OAuth** implementation.

- Resolved **50+ critical bugs**, boosting Odoo module performance by **25%**.

- Migrated **20+ Odoo modules** across versions with **zero compatibility issues**.

- Built dynamic reporting features, improving business insights accuracy by **40%**.

Experience

Junior Software Engineer | Aktiv Software (Jan 2024 – Present, Ahmedabad)

- Engineered secure Google OAuth login, reducing access-related issues by **30%.**

- Migrated and optimized Odoo modules/databases across multiple versions.

- Customized **ERP** modules to match client workflows, ensuring faster adoption.

- Integrated third-party and **RESTful APIs,** enabling smooth data synchronization.

- Diagnosed performance bottlenecks, achieving measurable efficiency gains.

- Developed **QWeb** reports for actionable client insights.

- Collaborated with consultants to deliver tailored **ERP** solutions.

Education

- **B.E. in Computer Science Engineering** – L.J Institute of Engineering & Technology (2022 – 2025)

- **Diploma in Computer Engineering** – Gujarat Technological University (2019 – 2022)

Technical Skills

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

- Web Development: **HTML**, **CSS**

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

- ERP Platforms: **Odoo**

- Databases: **SQL**

- Tools: **PG Admin, PyCharm, GitHub, Sublime Text, Jupyter Notebook, Visual Studio**

Projects

- Car Sensing System – **Python** app detecting speeding vehicles & capturing screenshots.

- Data Analysis Dashboard – Interactive sales visualization for decision-making.

- Voting System – **Python** platform for election management & analytics.

- Fab Grocery – E-commerce app (**HTML**, **CSS**, **JS**) enabling fast delivery.

- Quiz Application – **Python** quiz system testing logical skills.

- Voice Recorder – **Django** web app for high-quality browser audio recording.

Certifications

- Geoprocessing using Python – **ISRO**

- Crash Course on Python – **Google**

- Data Structures – **Skillzcafe**

- Full Stack Web Development – **Coursera**

- Basics of Python – Infosys

- Group Discussions – **TCS iON**

Languages

- English – **Proficient**

- Hindi – **Proficient**

- Gujarati – **Native**

Activities

- Qualified Coding Ninja Rounds 1 & 2

- Participated in TCS NQT