

TWISHA SONPAL

Junior Software Engineer

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Portfolio: <https://twishasonpal.github.io/portfolio/>

SUMMARY

Junior Software Engineer | Python & Odoo ERP Developer

B.E. in Computer Science Engineering with hands-on experience in developing custom modules, integrating APIs, and optimizing business processes. Skilled in Python programming and Odoo ERP development, with a strong focus on delivering user-friendly solutions and driving continuous improvement..

KEY ACHIEVEMENTS

- Implemented Google OAuth, improving login efficiency by 30%.
 - Resolved 50+ bugs in Odoo, enhancing system performance by 25%.
 - Migrated 20+ Odoo modules with 100% compatibility.
 - Designed dynamic reports, improving business insights accuracy by 40%.
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EXPERIENCE

Junior Software Engineer – Aktiv Software | Jan 2024 – Present | Ahmedabad, Gujarat

- Implemented Google OAuth following API best practices for secure login.
- Migrated Odoo modules and databases between versions ensuring stability.
- Developed custom Odoo modules tailored to client needs.
- Integrated third-party APIs and developed RESTful APIs for seamless data exchange.
- Identified and resolved bugs in Odoo modules, optimizing performance.
- Designed dynamic QWeb reports for actionable insights and collaborated with functional consultants to gather client requirements

EDUCATION

B.E. in Computer Science Engineering – L.J Institute of Engineering & Technology | Jan 2022
– Aug 2025

Diploma in Computer Engineering – Gujarat Technological University | Jul 2019 – Jul 2022

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
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PROJECTS

- **Car Sensing System:** Python app to detect speeding vehicles & capture screenshots.
- **Data Analysis Dashboard:** Visualized sales data for better decision-making.
- **Voting System:** Python-based election and analytics platform.
- **Fab Grocery:** E-commerce site using HTML, CSS, JS for fast product delivery.
- **Quiz Application:** Python quiz game to test problem-solving ability.
- **Voice Recorder:** Django web app for high-quality browser-based 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

CO-CURRICULAR ACTIVITIES

- Qualified Coding Ninja Round 1 & 2
- Participated in TCS NQT