



Twisha Sonpal

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Detail-oriented Software Engineer specializing in Python, Django, Web Development, Odoo ERP, API integrations, automation, and full-stack solutions. Experienced in building scalable applications, optimizing performance, developing secure authentication flows, and delivering user-centric features.

Adept at remote collaboration, problem-solving, debugging, and building production-ready software. Seeking opportunities as a Python Developer, Backend Developer, Web Developer, or Remote Part-Time/Full-Time Developer.

SKILLS AND PROFICIENCIES

1. Programming & Backend

- Python, JavaScript, Java, PHP
- Django, Flask (basic), REST APIs
- OOP, classes, modules, schedulers, automation scripts

2. Frontend & Web

- HTML5, CSS3, JavaScript
- jQuery, Bootstrap
- Responsive UI/UX practices

3. Databases

- PostgreSQL
- SQL queries, joins, triggers

4. Tools & Platforms

- Git, GitHub, PyCharm, VS Code
- Postman, PG Admin
- Jupyter Notebook

5. ERP / Odoo

- Module customization
- QWeb reports and Version migration
- Debugging and optimization

6. Soft Skills

- Communication
- Team collaboration
- Problem-solving
- Remote work discipline

WORK EXPERIENCE

Junior Software Engineer — Aktiv Software

Jan 2024 – Present | Ahmedabad

Python / Backend Contributions

- Developed and optimized backend modules using Python, improving performance by 25%.
- Integrated multiple REST APIs for seamless system data flow.
- Automated workflows and repetitive tasks using custom Python scripts.

Odoo ERP Contributions

- Migrated 20+ Odoo modules across versions with zero compatibility issues.
- Resolved 50+ high-impact bugs, improving system efficiency and stability.
- Customized features according to client workflows, improving adoption speed.
- Built dynamic QWeb reports for actionable business insights.

Collaboration & Communication

- Worked directly with consultants and clients to gather requirements.
- Supported cross-functional teams and provided training when needed.

STRENGTHS FOR REMOTE / PART-TIME JOBS

- Self-managed and deadline-oriented
- Fast learner and proactive problem-solver
- Strong Git workflow
- Experience handling tasks independently
- Comfortable with Slack, Zoom, GitHub, Notion

WORKSHOPS AND COURSES

- Geoprocessing with Python — ISRO
- Crash Course on Python — Google
- Data Structures — Skillzcafe
- Full Stack Web Development — Coursera
- Python Basics — Infosys
- Group Discussions — TCS iON

LANGUAGES

- English — Proficient
- Hindi — Proficient
- Gujarati — Native

EDUCATION

B.E. Computer Science and Engineering

- L.J Institute of Engineering & Technology (2022–2025)

Diploma in Computer Engineering

- Gujarat Technological University (2019–2022)

ACADEMIC PROJECTS

1. Car Sensing System (Python + OpenCV)

- Detects overspeeding vehicles.
- Captures image frames automatically.
- Useful for traffic enforcement and automation.

2. Data Analysis Dashboard (Python + Pandas + Matplotlib)

- Generates real-time sales analytics.
- Helps businesses identify top-performing products, trends, and KPIs.

3. Voting System (Python + SQL)

- Secure user authentication.
- Stores and processes votes using SQL.
- Live result analytics.

4. Fab Grocery — E-commerce Website (HTML, CSS, JS)

- Fully responsive UI.
- Product catalog, cart system.
- Front-end e-commerce experience.

5. Voice Recorder Web App (Django + JS)

- Browser-based high-quality audio recording.
- Saves and manages recordings.

6. Quiz Application (Python + JS Version)

- Logical MCQ quiz.
- Instant scoring and user feedback.