

PRATIKSHA DANAVALA

Python Developer | Backend Developer (Django, REST APIs, Jenkins, SQL)

Pune, Maharashtra, India

Phone: +91-9867939427 | Email: pratikshadanavale@gmail.com

LinkedIn: [linkedin.com/in/pratiksha-danavale-85318b1b5](https://www.linkedin.com/in/pratiksha-danavale-85318b1b5) | GitHub: github.com/pratiksha-d

Professional Summary

Python Developer with over 3 years of experience in backend development, automation, and scripting.

Skilled in building RESTful APIs using Django, integrating SQL databases, and automating reporting pipelines using Jenkins and Python. Strong hands-on expertise in debugging, deployment on Linux servers,

and Agile workflows using Jira and Git. Proven ability to deliver scalable solutions in banking and enterprise environments.

Key Skills

- Programming: Python 3 (3.6, 3.7, 3.8), OOPs, Shell Scripting
- Frameworks: Django, Django REST Framework, Pytest
- Databases: MySQL, PostgreSQL, Oracle SQL, MongoDB
- Tools: Jenkins, Git, GitHub, Bitbucket, Postman, JIRA, Docker, OpenShift, Kibana, PuTTY
- DevOps & Deployment: Cron jobs, Linux OS, CI/CD Pipelines, GitHub Actions
- Soft Skills: Requirement gathering, debugging, Agile ceremonies, client communication

Professional Experience

Tata Consultancy Services (TCS)

Software Developer | Dec 2021 Present | Pune, India

- Developed automation scripts in Python to generate Excel reports and send via email using

smtplib.

- Automated data pipelines by integrating Python with MySQL and cron jobs, saving 15+ hours/week.
- Created SQL queries for data retrieval and integrated with backend workflows.
- Deployed and scheduled scripts via Jenkins; monitored using OpenShift and Kibana.
- Collaborated with cross-functional teams for requirements, debugging, and enhancements.
- Supported production deployments and hotfixes across environments.
- Followed SDLC phases including requirement analysis, design, and documentation.

Projects

Smart Asset & Timesheet Management System (SATMS)

Tech Stack: Python, Django REST Framework, MySQL, Jenkins, GitHub, Pytest

- Designed a Django-based backend system to manage employee assets and timesheets.
- Built secure REST APIs with CRUD operations and JWT authentication.
- Added logging, exception handling, and unit testing (Pytest).
- Deployed on Linux using cron + Jenkins; GitHub for version control and PR process.

Jenkins Email Report Automation

Tech Stack: Python, MySQL, smtplib, Jenkins, GitHub

- Automated email reporting system by fetching data from MySQL and sending Excel attachments.
- Scheduled execution using Jenkins and cron jobs.
- Deployed scripts on PuTTY server; added error handling and logs.

Global Data Platform (Barclays Banking Domain)

Tech Stack: Python, Oracle SQL, PuTTY Server

- Retrieved customer data from Oracle DB and generated backend reports.
- Automated daily job runs using cron and integrated Python scripts with UNIX.

- Collaborated with team to debug banking workflow errors and improve script performance.

Education

Master of Science (Applied Mathematics)

Institute of Chemical Technology, Mumbai (2019 - 2021)

Certifications

- Data Analyst - Unified Mentor
- Regression Models - Coursera

Achievements & Strengths

- Star Performer Award, TCS (2023)
- Multiple client appreciations for automation efficiency
- Strong communication, requirement analysis, and teamwork