

DIXIT NANDANIYA

Python Developer

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Professional Summary

Results-driven Python Developer with 2+ years of experience building APIs, automation pipelines, and cloud-native applications. Skilled in Python, AWS, and NoSQL databases, with proven success in optimizing latency, scaling systems, and improving reliability through monitoring and automation.

Skills

Programming: Python, SQL, JavaScript, HTML5, CSS3

Technologies & Tools: AWS (EC2, S3, Lambda, CloudWatch, Boto3), Django, REST API Development, SDLC, Data Structures & Algorithms, OOP, Database Schema Design, MySQL, PostgreSQL, MongoDB, Redis

DevOps & Cloud: CI/CD, Docker, Git, GitHub, Agile Methodology, Monitoring & Troubleshooting

Networking & Protocols: HTTP/HTTPS, SSH, Client-Server Architecture

Soft Skills: Clear Communication, Problem-Solving, Analytical Thinking, Critical Thinking, Documentation, Team Collaboration, Leadership

Experience

Python Developer

Coretus Technologies

May 2022 – April 2023

Rajkot, GJ, India

- Built a low-latency trading backend (Python, WebSocket, REST, MongoDB) that cut execution time by 60%, scaled to 3 million+ trades/day, and drove a 25% investment increase.
- Deployed and managed services on AWS (EC2, S3, CloudWatch, Auto Scaling), enabling live alerts and improving incident response by 70%.
- Optimized database queries and indexing for MongoDB reducing data retrieval latency by 35%.
- Developed Python components leveraging AWS APIs for real-time data processing and scalable back-end services.

Python Developer Intern

Coretus Technologies

January 2022 – April 2022

Rajkot, GJ, India

- Built a multi-account trading app (Python, PyQt5, MySQL) that increased throughput by 25% and eliminated manual errors.
- Created broker-sync module that executes trades in < 100 ms, enabling high-frequency trading with real-time API Integration.
- Wrote end-to-end tests and exception handlers, cutting support tickets by 30%.
- Deployed on AWS and built a batch pipeline to gather and process daily settlement files that reduced manual effort and processing time by 40%.

Software Developer

Striker Apps

January 2021 – December 2021

Ahmedabad, GJ, India

- Built serverless microservices (AWS Lambda, API Gateway, DynamoDB), reducing infrastructure costs by 30%.
- Designed event-driven workflows (EventBridge, SQS), reducing processing delays by 40%.
- Automated CI/CD via GitHub Actions, halving deployment time.
- Conducted integration & performance testing, refining service reliability which boosted uptime to 99.9%.

Projects

ReSecure (Flutter, Firebase)

- Built a cross-platform mobile app turning old smartphones into home security cameras with Flutter and Firebase-powered real-time streaming and motion alerts—offering a low-cost security solution with zero additional hardware. Simplified setup for non-technical users, introducing multi-user access and instant notifications, boosting accessibility and user satisfaction.

ML K.I.D.A. – Automated Mite Detection (Django, YOLOv8, Deep Sort)

- Developed an ML-powered web tool built with Django and YOLOv8, that detects and tracks crop mites in real time with 90% accuracy, reducing manual farming inspections by 50%. Enabled actionable alerts, giving farmers real-time updates for faster pest control—strengthening crop management and yield protection.

Education

Master of Applied Computer Science

University of Windsor

May 2023 – August 2024

Windsor, ON, Canada

Certifications

Agile Software Development: Clean Coding Practices (LinkedIn Learning), Data Science Bootcamp 2024 (Udemy), SQL Associate (DataCamp), Data Engineer (DataCamp), Data Analyst (DataCamp), Understanding Prompt Engineering (DataCamp)