

KRISHNAKANT MISHRA

BACKEND DEVELOPER (Python | AWS)

8732916693 | yashmishra9925@gmail.com | Portfolio | LinkedIn | GitHub

PROFESSIONAL SUMMARY

Backend Developer with **2.5+ years** of experience building and owning cloud-native backend systems using **Python and AWS**. Strong hands-on experience with **AWS Lambda, DynamoDB, API Gateway, and S3**, developing scalable REST APIs and **serverless** workflows in production environments, with experience in hospitality booking systems.

TECHNICAL SKILLS

Core Backend Python (Strong), AWS Lambda, API Gateway, DynamoDB, S3, EC2, EFS

Frameworks & Web FastAPI, Django, Node.js, React, Tailwind CSS

Databases & Caching PostgreSQL, MongoDB, Redis, NoSQL Data Modeling

DevOps & Tools Docker, CI/CD (GitHub), Nginx, Gunicorn, Git, Linux, Postman

EDUCATION

M.Sc. in ICT | J.P. Dawar VNSGU (Surat) | 2022–2024

B.Sc. in Computer Science | SRKI (Surat) | 2019–2022

HSC (Science – Maths Stream) | M. T. Jariwala | 2017–2019

WORK EXPERIENCE

Backend Developer (Python, AWS) | STAAH – The Access Group | Jan 2024 – Present

- Owned backend development for a production **hotel booking platform** (search → booking → confirmation).
- Built serverless workflows for real-time booking, pricing, and inventory updates.
- Developed secure REST APIs supporting direct reservations for **5000+ hotels globally**.
- Built secure AWS Lambda functions for **payment-related data handling**, ensuring **encrypted** and compliant processing.

Jr. Software Developer (Full Stack) | Owy Technosys | Oct 2022 – Jun 2023

- Developed and maintained RESTful APIs using **Node.js, Express, and MongoDB**, collaborating on frontend integration.
- Participated in the full software development lifecycle (SDLC) and streamlined team workflows using **Git**.

Software Services Support | Owy Technosys | Sept 2021 – Sept 2022

- Supported issue reproduction and bug-fix validation in collaboration with engineers.
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KEY PROJECTS

SwiftBook – Hospitality Booking Engine | Backend Developer | **Python**, FastAPI, AWS Lambda, DynamoDB

- Implemented core backend modules including **MemberRate, TravelAgent, GuestwiseRate**, and VerifyBookings.
- Implemented booking engine logic for pricing validation, availability checks, and booking confirmations.

Hotel Booking System (Personal) | **Django**, FastAPI, React, PostgreSQL, AWS S3, Nginx

- Built a **full-stack** hotel booking system with a login-free user flow and **OTP-based** booking management.
- Developed a **secure admin** dashboard for managing **hotels, rooms, inventory, and bookings**.
- Designed **PostgreSQL schemas** and implemented a **FastAPI microservice** for real-time inventory availability, integrating **AWS S3** for scalable media storage.
- Deployed backend services on **AWS EC2** using **Nginx and Gunicorn**.

BullTrade – Stock Market Simulator | **Node.js**, React, WebSockets, Socket.io, Express

- Developed a **real-time** stock trading simulator with live ticker updates using **WebSockets** for low-latency data streaming.
 - Built a dynamic dashboard for **virtual portfolio management**, including real-time P&L tracking and trade execution.
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OTHER PROJECTS (Academic)

- Online Job Portal | C# .NET, MySQL
- Medicine Donation System | Java Enterprise, MySQL
- Online Music System | PHP, MySQL, HTML, CSS, JS