

KRISHNAKANT MISHRA

BACKEND DEVELOPER (Python | AWS)

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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