

NITIN JADHAO

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PROFESSIONAL SUMMARY

Senior Software Engineer with 4 years of experience designing and deploying scalable backend systems and data pipelines using Python, Django, and Odoo. Skilled in building ETL-style data migration and integration workflows across PostgreSQL and Neo4j, connecting REST APIs to centralized data stores, and automating cloud infrastructure on AWS for scalability and cost efficiency. Proven track record of zero-downtime data migrations, CI/CD automation, and enterprise AI integration, including a RAG bot and an AI agent for ERP process automation.

WORK EXPERIENCE

Accion Labs Digital Solutions Pvt. Ltd.

Aug 2022 - Present

Senior Software Engineer

- Developed and maintained RESTful APIs and microservices handling 100K+ daily requests with 99.5% uptime.
- Built data integration pipelines connecting ERP (PostgreSQL) data with a Neo4j graph layer via FastAPI, enabling structured access to data previously siloed across systems.
- Implemented automated testing frameworks achieving 85% code coverage, reducing production bugs by 45%.
- Collaborated with cross-functional teams in an Agile environment to deliver 15+ features on schedule.
- Designed database schemas and optimized complex SQL queries, improving query performance by 70%.
- Built web-based applications using the Python Django framework with responsive frontend interfaces.
- Participated in the full SDLC including requirements analysis, design, coding, testing, and deployment.

EDUCATION

Jagadamba College of Engineering & Technology, Yavatmal, Maharashtra

Bachelor of Engineering in Computer Engineering

July 2018 - July 2022

PROJECTS

UNITY - HRMS Tool

- Developed a Retrieval-Augmented Generation (RAG) chatbot for company documents and HR policies.
- Built an AI agent integrated with ERP systems to automate business processes.
- Designed and developed scalable backend systems supporting 10,000+ concurrent users using Python, Django, and Odoo.
- Engineered ETL-style data pipelines to migrate and synchronize 2M+ records across PostgreSQL and a Neo4j graph database (99.9% accuracy, zero downtime); integrated REST APIs and Azure OpenAI with the graph layer for natural-language querying via LangChain's GraphCypherQACHain and FastAPI.
- Architected CI/CD pipelines using Jenkins and GitLab, reducing deployment time by 60% and improving release reliability.
- Optimized AWS infrastructure (EC2, RDS, and S3), reducing infrastructure costs by 40% and improving application performance by 50%.
- Mentored a team of four junior engineers on clean coding practices, design patterns, and Agile development methodologies.

Aram Meem - Software Consulting and Development Services

- Designed and developed a custom dashboard to improve data visualization and reporting.
- Built a dynamic module that enables users to add custom fields on demand.

SKILLS

Languages: Python, JavaScript, XML, SQL, Gen AI, RAG & LLM.

Frameworks & Tools: Django, FastAPI, Odoo, REST/GraphQL APIs, Jenkins, GitLab CI/CD.

Cloud & DevOps: AWS (EC2, S3, RDS, Lambda, CloudWatch), Docker, Linux/Unix.

Databases: PostgreSQL, MySQL, MongoDB, Neo4j (Graph DB).

CERTIFICATIONS

- AWS Academy Accreditation - Generative AI Fundamentals
- NetSuite Certified AI Foundations Associate

ACHIEVEMENTS

- Innovation Award - Accion Labs (Feb 2026): Recognized company-wide for engineering contribution, practical problem solving, and delivering measurable improvements across ERP systems, from zero-loss migrations to enterprise AI integration.
- Accion Ace - Certificate of Appreciation (Unity): Recognized by the Global Finance Director for building and supporting the NetSuite Ticketing module, helping automate NetSuite queries and change-management processes.