

Nachiket Galande

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Summary

Senior Full Stack Developer with **5+ years** of experience building scalable, high-performance web applications and applied GenAI solutions. Skilled in designing robust systems, optimizing performance, architecting databases, & building LLM and agentic workflows that translate requirements into measurable outcomes.

Skills

- **Frontend:** React, Next.js, TypeScript, Zustand, Redux, Material UI, Sass, HTML5, CSS3
- **Backend:** Node.js, NestJS, Fastify, Express, Flask, GraphQL, WebSockets, SQLAlchemy
- **Languages:** JavaScript, Python
- **AI & Agents:** LangChain, MCP, RAG, OCI AI Agent Studio, Prompt Engineering
- **Databases:** PostgreSQL, MySQL, MongoDB, Redis, Azure SQL Server, SQL, PL/SQL
- **Cloud & Infrastructure:** AWS (EC2, RDS, S3), Azure (App Service, SQL Database, Storage), Oracle (OCI, OIC)
- **DevOps & Testing:** Docker, Git, Jest, Postman

Experience

Senior Full Stack Developer | Accenture | Mumbai, India July 2021 – Present

- Led development of a finance management platform used by **15,000+** enterprise users.
- Architected scalable microservices, improving overall system throughput by **30%**.
- Optimized database query performance by **15%** across **10M+ record** datasets and migrated high-volume SQL workloads to Azure Databricks, lifting analytics performance **20%**.
- Improved frontend performance by **20%** through code-splitting, lazy loading, and optimized state management, and enhanced UX with asynchronous data export via Azure Function Apps.
- Streamlined operations by automating workflows (**30%** less manual effort, **10–15%** cost savings) and Oracle ERP user provisioning (**5–10 hours to under 5 minutes**).
- Built production agentic AI on OCI AI Agent Studio, including a RAG-based onboarding assistant that cut training time **30%** and a serverless Gen AI function that parses .iar files, generates summaries, and automates TDD validation with mismatch detection.
- Engineered an AI-powered EBS-to-Cloud migration planning tool on Oracle APEX, integrating Oracle Select-AI with a PL/SQL prompt-resolution engine.

Projects

Ripple - Social Media App (Web & Mobile) [GitHub](#) | [Live App](#)

- Built a full-stack social platform (React 18, Node.js, MySQL, Socket.io) with real-time DMs, WebRTC P2P video calls, stories, reels, and polls; deployed via Docker on Render and Vercel.
- Engineered hybrid E2E message encryption (RSA-OAEP 2048-bit + AES-GCM 256-bit) via the WebCrypto API with per-device key wrapping and PBKDF2 private key backup in IndexedDB.

AI Image Upscaler | Python, PyTorch, FastAPI

- Built a local GPU-accelerated image super-resolution tool using Real-HAT and Real-ESRGAN models with tiled inference, reducing VRAM usage by **4.25×** via BF16 precision.
- Streamed real-time tile-level progress to the browser using Server-Sent Events with batch processing support and an interactive before/after comparison viewer.

RAG Onboarding Assistant

[GitHub](#)

- Conversational AI onboarding tool using Flask and LangChain (GPT-4), reducing new-hire training time by **30%**.
- Indexed internal docs via Azure Cognitive Search + Blob Storage for accurate, grounded Q&A.

Certifications

- **Microsoft Certified: Azure Fundamentals** – Microsoft (September 2023)
- **Oracle Cloud Infrastructure 2024 Generative AI Certified Professional** – Oracle (July 2024)

Education

MIT ADT University, Pune
B-Tech Computer Science and Engineering

August 2017 – May 2021

Achievements

- **1st Place Winner** at Accenture GTIC Season 7 – **India Finale & Global Finale**.
- **1st Runner-Up** at Accenture GTIC Season 6 **India Finale**.