

AMIT YADAV

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PROFESSIONAL SUMMARY

Software Engineer with 3+ years of experience designing, building, and operating production-grade cloud-native distributed systems. Currently contributing to Nike's global product platform, powering partner integrations across 40+ countries. Skilled in backend engineering, serverless architecture, scalable APIs, and applied AI, with hands-on experience building LLM-powered tools, RAG workflows, and autonomous AI agents that improve engineering productivity and system reliability.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Java, Python, SQL, HTML, CSS
Backend & Distributed Systems: Node.js, Express.js, Spring Boot, REST APIs, Microservices, Event-Driven Architecture, Serverless
Frontend: React, Next.js, Angular, Tailwind CSS, Redux
Cloud & Infrastructure: AWS (Lambda, Step Functions, DynamoDB, S3, EventBridge, SQS, SNS, IAM), AWS CDK, Docker
Databases: DynamoDB, MongoDB, MySQL, PostgreSQL, Snowflake
DevOps & Observability: GitHub Actions, Jenkins, CI/CD, Lerna Monorepos, PagerDuty, Datadog, CloudWatch, Splunk
AI / Agentic Tooling: LLM tool-use, RAG, AWS Bedrock, OpenAI APIs, prompt engineering

EXPERIENCE

Nike ITC Pvt. Ltd. Jan 2026 – Present
Software Engineer - 1 Bengaluru, India

- Core engineer on a global product-distribution platform that publishes Nike's catalog to **Google, Meta, and major affiliate networks** across **40+ countries**.
- Designed and delivered a new real-time integration with **Google's AI-powered commerce platform**, unlocking product visibility inside Google's AI shopping search and agentic checkout experiences.
- Re-architected the product-availability data path from a legacy batch-warehouse source to a live document store, removing a multi-hour ingestion lag and enabling **near-real-time feed freshness** for downstream partner channels.
- Led a cross-package **platform modernization** – upgraded the runtime to the latest LTS, migrated deprecated third-party SDKs, and remediated critical security vulnerabilities across 20+ services with **zero production downtime**; partnered with SRE on alarm tuning to materially cut on-call noise.
- Built an **LLM-powered SRE agent** that is invoked on PagerDuty alerts, autonomously inspects CloudWatch logs and Step Function execution history to localize the failure, correlates it with recent deployments, and – when the issue is code-fixable – opens a targeted GitHub pull request with the fix for engineer review, cutting initial triage time from **~15 minutes to under 2**.

Accenture Solutions Pvt. Ltd. July 2023 – Dec 2025
Packaged App Development Associate – Full Stack Engineer Bengaluru, India

- Designed and shipped an enterprise-grade **Angular SPA for event management** with role-based workflows, speaker onboarding, and multi-section validated forms; reduced average form-completion time by **60%** through UX refactors and progressive validation.
- Built **RESTful APIs and microservices in Node.js / Express.js** backing the event platform, boosting backend throughput by **30%** via connection pooling, async pipeline optimization, and Mongo schema redesign.
- Authored a **TypeScript automation framework and data pipelines** (Cucumber + Playwright), achieving **15x faster regression testing** and enabling high-volume data validation for production releases.
- Modeled and optimized **MongoDB schemas**, eliminated N+1 query patterns, and improved p95 read latency on critical endpoints.
- Productionized releases via **Docker and CI/CD pipelines**, partnering with UX, QA, and DevOps to ship multiple zero-downtime deployments per sprint.

Code Planet Pvt. Ltd. Oct 2021 – Apr 2022
Full Stack Developer (Internship) Jaipur, India

- Built dynamic web applications using **Java, Spring Boot, JDBC, and MySQL**, owning backend services and database design for live client websites.
- Designed and shipped **secure authentication and authorization** for multi-tenant web apps, including session management, password hashing, and role-based access control.
- Delivered **REST APIs** with strong contract design, query optimization, and schema migration tooling to keep production data flows healthy.

PROJECTS

Dopamine – Fitness Center Booking Platform [🔗](#) | *Next.js, Node.js, Express, MongoDB, Tailwind CSS* Jan 2023

- Built a multi-city gym-booking web app letting users schedule workouts across partner gyms based on their availability and location.
- Integrated **Google OAuth 2.0**, phone OTP verification, Razorpay payments, Google Maps API, and Cloudinary media uploads, all backed by a normalized MongoDB schema.

HappyPaws – Animal Shelter Platform [🔗](#) | *React, Node.js, Express, MongoDB, PayPal API* May 2023

- Delivered a responsive shelter-home platform supporting pet adoption, volunteering, emergency assistance, and shelter visits, with an accessibility-first UI.
- Integrated PayPal for secure donations and deployed to Vercel with environment-scoped CI to keep staging and production isolated.

EDUCATION

Jaipur Engineering College and Research Centre Aug 2019 – June 2023
Bachelor of Technology in Information Technology CGPA: 8.75 / 10

ACHIEVEMENTS & CERTIFICATIONS

- Solved **300+ Data Structures and Algorithms problems** and participated in 50+ contests on LeetCode, CodeChef, and HackerRank.
- HackerRank Certified** in Java with **5-star badge** in Java problem-solving.
- Runner-up** – IEEE Hack OverFlow Hackathon, Manipal University.
- Recipient of the merit-based **Tuition Fee Waiver Scholarship (TFWS)** for outstanding academic performance throughout Bachelor's degree.