

HARSHIT YADAV

Backend Engineer | Node.js, TypeScript, PostgreSQL | Microservices & Distributed Systems

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PROFESSIONAL SUMMARY

Backend Engineer with 3+ years shipping production SaaS platforms across LegalTech, EdTech, and Healthcare, including REST APIs, microservices, payment systems, and AI-integrated features. Strong in system design, database architecture, and cloud deployment, with a track record collaborating with US-based remote teams from architecture through production support.

EXPERIENCE

Backend Engineer | Internet Division

Sheridan, WY, USA (Remote) | March 2026 - Present

- Architected backend services using Node.js, NestJS, and PostgreSQL for two production SaaS platforms: an LMS marketplace and a legal-tech case management system.
- Built payment and payout infrastructure across 2 payment processors (Stripe Connect and Authorize.net), including webhook-driven order processing, payouts, and affiliate commission tracking.
- Established multi-tenant security using Supabase JWT and PostgreSQL Row-Level Security, integrating 3 external services (Claude, Firma.dev for e-signature, and document delivery) to automate workflows.
- Provided ongoing production support across both platforms, resolving deployment and infrastructure issues within a remote, US-based team.

MERN Stack Developer | Empiric Infotech LLP

Surat, India | February 2025 - February 2026

- Developed an AI-powered risk analysis feature for a healthcare documentation platform, flagging risk factors from patient data using Node.js, NestJS, and PostgreSQL.
- Engineered REST APIs and microservices with secure authentication, role-based access control, and Redis caching.
- Set up event-driven microservice communication using AWS SNS/SQS (20,000+ notifications per day) and migrated large-scale React Native apps to modern Expo architecture.

Full Stack Developer | AppMixo LLP

Surat, India | July 2023 - February 2025

- Created real-time messaging systems using Node.js, MongoDB, Twilio, and WebSockets.
- Delivered integrations with 2 e-commerce platforms (Shopify GraphQL API and eBay), with automated product synchronization.
- Optimized backend APIs and reporting dashboards, improving database performance for enterprise clients.

PROJECTS

GigRocket | Learning Management & Course Marketplace Platform

Role: Sole Backend Engineer

- Owned GigRocket's backend end to end: designed the data model (27-table PostgreSQL schema) and built 200+ REST APIs powering the platform.
- Rolled out Stripe Connect marketplace payments with dual-sided webhook handling, instructor payouts, and rolling reserves for chargeback risk.
- Added an anomaly-detection layer for fraud signals and shipped an 11-API guest checkout flow, removing forced signup from the purchase path.
- Managed deployments across 3 environments (development, staging, production) with GitHub Actions CI/CD, including automated database migrations.

Case Dashboard | Legal-Tech SaaS Platform

Role: Full-Stack Engineer

- Co-built an end-to-end SaaS platform with a 2-engineer team, covering intake, case management, e-signature, and mailing workflows, with 4-role RBAC and a multi-state workflow lifecycle.
- Implemented payment processing across 2 processors (Stripe Checkout and Authorize.net) with a security-conscious architecture, and integrated Claude for AI-powered claim classification.
- Led frontend implementation (Next.js 14, React, Redux, TypeScript) for 2 client-facing platforms: Small Claims Hero and Activation Hero.

TECHNICAL SKILLS

Languages: JavaScript | TypeScript | C++ | SQL

Backend: Node.js | NestJS | Express.js | REST APIs | GraphQL | Microservices | Event-Driven Architecture | WebSockets | Agile/Scrum

Databases & ORM: PostgreSQL | MongoDB | MySQL | Redis | Supabase | Drizzle ORM | Prisma

AI & Payment APIs: Claude API | OpenAI API | LLM Integration | Prompt Engineering | Stripe (Connect, Checkout, Billing, Webhooks)

Cloud & DevOps: AWS (EC2, ECS, S3, CloudFront, SNS/SQS) | Docker | GitHub Actions | CI/CD | Linux | Nginx | Cloudflare

Frontend: React.js | Next.js 14 | React Native | Expo | Redux | Tailwind CSS

Tools: Firma.dev | Dropbox API | Git | GitHub | Postman | Swagger

EDUCATION

Bachelor of Technology in Computer Science Engineering | AKTU, Lucknow

CGPA: 7.81 | 2019 - 2023