

AMRATH PRASAD

Software Engineer • Node.js • NestJS • JavaScript

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SUMMARY

Backend Engineer with 2+ years of experience building production applications using TypeScript, JavaScript, Node.js, NestJS, PostgreSQL, and MongoDB. Experienced in designing REST APIs, asynchronous backend systems, third-party integrations, authentication, and performance optimization. Strong focus on writing clean, maintainable software and solving production problems through practical and scalable engineering approaches.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, SQL

Backend: NestJS, Node.js, Express.js

Databases: PostgreSQL, MongoDB

Architecture: REST APIs, Microservices, Swagger/OpenAPI, JWT, OAuth

Tools: Git, Github, Postman, Swagger, Prisma

Coding Practices: Unit testing (Jest), Agile/Scrum, Code Review

EXPERIENCE

Ordrio Technologies Private Limited, Udupi, Karnataka

Associate Software Engineer

February 2026 – June 2026

Junior Software Engineer

November 2023 – February 2026

- Built and maintained backend services for a multi-tenant e-commerce SaaS enabling small and medium businesses to go online. Developed scalable backend services and RESTful APIs using Node.js, NestJS, Express.js, MongoDB, and PostgreSQL for a multi-tenant SaaS platform.
- Designed and implemented secure RESTful APIs supporting product management, payments, inventory, customer management, and third-party integrations.
- Troubleshoot API integration issues, analyzed request/response flows using Postman, and resolved production integration defects.
- Led ongoing development of the notification microservice — added WhatsApp, SMS, and email providers (Interakt, MSG91, SMTP) and built an admin configurable, multi-tenant system for provider keys, templates, and event mapping, backed by a unified webhook endpoint consolidating delivery-status callbacks across five providers.
- Extended and maintained the payment gateway system, integrating PhonePe, Stripe, Razorpay, and EPS, and built an end-to-end payment-link and QR-code checkout flow for the delivery app and admin self-order panel.
- Designed a one-way Zoho Books integration (OAuth-based, multi-tenant credentials) to automate invoice generation and keep product/inventory data in sync.
- Independently built an analytics data-export plugin (rate-limited, authenticated API for BI tools like Power BI) and a multilingual translation feature using the Azure Translate API with manual and automatic modes.
- Scoped and planned features end to end with product managers (PRDs, technical design, estimation), participated in Agile ceremonies and code reviews, and drove team-wide adoption of AI-assisted development tools (GitHub Copilot, Cursor, Claude Code).

PROJECTS

Play Arena — Multi-Vendor Sports Court Booking SaaS (NestJS, PostgreSQL, Prisma, Cashfree)

- Built a multi-tenant court booking platform supporting arena owners and players, with slot management, JWT auth (role-based for dual user types), OTP email verification, and a virtual wallet payment architecture integrated with Cashfree. Handled image uploads via Cloudinary and modeled the full schema in Prisma with PostgreSQL.

Local Gig — Hyperlocal Community Job Board (NestJS, PostgreSQL, OpenSearch, Prisma,)

- Developed a localized job matching platform connecting workers and small businesses directly, featuring role-based JWT auth, email OTP verification, and application status tracking. Engineered a high-performance search architecture utilizing OpenSearch for fuzzy text search with a Prisma/PostgreSQL query fallback, and offloaded listing indexing to a Redis background worker queue.

EDUCATION

B.E., Computer Science — Visvesvaraya Technological University

2020 – 2024

Moodlakatte Institute of Technology, Kundapura • CGPA: 7.99 / 10

CERTIFICATIONS

NestJS Masterclass — NodeJS Framework Backend Development · Udemy

Succeed in the Age of AI · Udemy