

NAVEEN KUMAR

Senior Software Engineer • Full-Stack Developer
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PROFESSIONAL SUMMARY

Senior Software Engineer with a B.E. in Computer Science and 4+ years of experience building full-stack applications across 17 interconnected services. Expert in Node.js, Express.js, Next.js 14, and React — delivering high-performance frontends and robust REST APIs. Working knowledge of NestJS. Experienced with distributed systems patterns — AWS SNS/SQS Saga pattern, event-driven services, and multi-DB strategies (PostgreSQL + MongoDB + DynamoDB).

TECHNICAL CORE

Languages	TypeScript, JavaScript ES2022+, SQL, Node.js
Frameworks	Next.js 14 (App Router), React 18, Express.js, NestJS (working knowledge)
Cloud & AWS	Lambda, SNS, SQS, S3, EventBridge
Databases	PostgreSQL (TypeORM), MongoDB (Mongoose), DynamoDB, Redis (Upstash), MSSQL
Auth & Security	Auth0 (M2M + JWKS), JWT (ES512), RBAC/ABAC, Passport.js
Frontend & UI	Radix UI, Tailwind CSS, CKEditor 5, React Bootstrap, SCSS Modules, Apollo GraphQL
Backend & CMS	Strapi 4 (Headless CMS), Swagger/OpenAPI, SendGrid, New Relic, sqs-consumer
Payments	Stripe (Subscriptions, Webhooks, PaymentIntents), PayPal
Tools & Testing	Jest, db-migrate, TypeORM migrations, PM2, Git

PROFESSIONAL EXPERIENCE

Senior Software Engineer Memorres Digital Pvt. Ltd.	Oct 2023 – Present Jaipur, India
Software Engineer Memorres Digital Pvt. Ltd.	Oct 2022 – Oct 2023 Jaipur, India
Software Engineer Intern Memorres Digital Pvt. Ltd.	Mar 2022 – Sep 2022 Jaipur, India

► Global Experience & Leisure Marketplace (17-Service Ecosystem)

Contributed to a multi-national leisure platform spanning Australia, UK, and beyond across 17 independent Node.js/TypeScript services.

- Contributed to the distributed booking engine using the AWS SNS/SQS Saga Pattern across experience, enquiry, loyalty, and giftcard services — ensuring atomic transaction rollback with zero data loss.
- Contributed to unity, the shared NestJS 11 monorepo core API and infrastructure library with TypeORM entities, multi-DB config (PostgreSQL + MongoDB + MySQL), and JWT/M2M guards reused across all services.
- Helped manage the customer-api subscription billing system on Stripe covering plan creation, subscription tiers, invoicing, and webhook reconciliation backed by 20+ PostgreSQL migrations.
- Contributed to enquiry's payment orchestration supporting multi-tender checkout: Stripe, gift cards, loyalty points, PayPal, and promotional discounts — processed via SQS worker pipeline with Redis caching.
- Contributed to loyalty, giftcard, content-api, and auth microservices — each with dedicated SNS/SQS workers, DynamoDB or PostgreSQL data layers, and Lambda-based async processors.
- Contributed to the consumer-facing product booking funnel (product-ui, customer-ui) using React, Redux, and Auth0 login flows across multiple international markets.
- Contributed to provider-ui (React + Redux + CSS Modules) — a self-serve portal for experience providers to manage bookings, generate invoices, and view booking history.

- Contributed to the migration of website-ui to Next.js 14 App Router achieving sub-second page loads, near-perfect Lighthouse scores, and ISR via Builder.io webhook integration.
- Contributed to bi-directional Jim2 ERP sync for Schmick — pulling machine inventory from MSSQL into PostgreSQL, with a financial audit engine surfacing rental contract analytics.
- Contributed to the company's memorres.com Next.js + TypeScript marketing site with Apollo GraphQL consuming a Strapi 4 CMS and 40+ content types.

► **Industrial Asset & Fleet ERP**

Web-based ERP unifying MSSQL Jim2 ERP telemetry with a modern Node.js/PostgreSQL application for managing thousands of industrial machines.

- Contributed to bi-directional Jim2 ERP sync pulling machine inventory from MSSQL into PostgreSQL, and worked on the financial audit engine surfacing rental contract analytics.
- Worked on the React/Bootstrap multi-role dashboard with React-Intl (i18n) and RBAC-driven route guards across 5 user roles.

► **memorres.com — Corporate Digital Presence**

Company's flagship marketing website. Mar 2022 – Sep 2022.

- Contributed to the Next.js + TypeScript site with Apollo GraphQL consuming a Strapi 4 CMS with 40+ content types.
- Contributed to SEO infrastructure: metadata, Open Graph, sitemap, and robots.txt.

EDUCATION

Bachelor of Engineering (B.E.) — Computer Science

2017 – 2021

Don Bosco Institute of Technology

CORE COMPETENCIES

- Full-Stack Delivery — end-to-end feature ownership from REST API design through to React UI, across 17 services.
- Distributed Systems — Saga pattern, event-driven architecture (SNS→SQS→Worker), idempotent consumers, DLQ handling.
- Multi-Database Strategy — PostgreSQL (transactional), MongoDB (documents), DynamoDB (event ledger), Redis (cache).
- Performance Engineering — Next.js ISR, Apollo query optimisation, SQS batching, Redis caching, Core Web Vitals.
- Security Engineering — Auth0 M2M credential rotation, JWKS JWT validation (ES512), RBAC/ABAC guards.
- Billing & Payments — Stripe subscription lifecycle, PayPal, webhook reconciliation, multi-tender checkout.