

# YOGESH KUMAR

Software Development Engineer | React | Next.js | Node.js | AWS

Bengaluru, India | +91 77940 12167 | kumaryogesh4c8@gmail.com | [linkedin.com/in/yogesh-kumar-507471193](https://www.linkedin.com/in/yogesh-kumar-507471193) | [yogesh-kumar-portfolio-v2.vercel.app](https://yogesh-kumar-portfolio-v2.vercel.app)

## SUMMARY

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Software Development Engineer with 4+ years shipping production systems across enterprise procurement, healthcare, and EdTech. Wrapping up NCEL Connect - a procure-to-pay platform handling Rs. 100Cr+ in annual transactions across 500+ vendors - where I served as senior developer driving architecture, code reviews, and mentoring. Previously contributed to a 30-microfrontend US healthcare portal and shipped a multilingual EdTech streaming platform on AWS EC2. Strong on React, Next.js, Node.js, PostgreSQL, MongoDB, and AWS - from schema design and REST APIs through to EC2 and Lambda deploys.

## TECHNICAL SKILLS

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**Languages:** JavaScript, TypeScript, SQL, HTML5, CSS3

**Frontend:** React, Next.js, Redux Toolkit, Tailwind CSS, MUI, GSAP, Zustand, RJSF, Web Components, Vite

**Backend:** Node.js, Express.js, Prisma ORM, Mongoose, REST APIs, JWT auth, Serverless Framework

**Databases:** PostgreSQL, MongoDB, Redis

**AWS Cloud:** EC2, S3, Lambda, SES, SQS, IAM, CloudWatch, API Gateway

**Scripting & Tooling:** Python, Git, Linux, Docker, Nginx, PM2, LocalStack, GitHub Actions CI/CD

**Architecture & Practices:** Micro-frontends, Monolith, Serverless, Event-driven Architecture

**AI Tooling:** Claude Code, Kiro

## WORK EXPERIENCE

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### Software Development Engineer | NeoScript Technologies Pvt. Ltd. | Mar 2023 - May 2026 | Bengaluru

- Shipped frontend features across a 30-microfrontend enterprise healthcare portal (PDMI, US client) covering claims processing, drug pricing, and pharmacy workflows.
- Built a React + RJSF claims processing UI with dual Basic/Advanced view modes, schema-driven validation, and integration with COB, AWP pricing, and external lookup services.
- Enhanced and maintained a framework-agnostic Drug Pricing Web Component (theming via CSS variables, token auth) deployed across dev, QA, eval, and prod with CI-friendly builds.
- Contributed to the PDMI portal and 340B Drug Pricing Program workflows; delivered backend fixes on AWS Lambda + REST APIs to unblock frontend delivery.

### Assistant Software Developer | Ascent Consulting Services Pvt. Ltd. | Mar 2022 - Jan 2023 | Bengaluru

- Built and maintained React UI screens on PowerPay, an enterprise payroll SaaS serving global HR providers across multiple countries and regulatory environments.
- Updated India payroll tax calculations in Groovy - deductions, tax slabs, and compliance rules - covering the full payroll lifecycle.
- Wrote PostgreSQL queries for earnings summaries, deduction breakdowns, and payroll reports used by operations teams.

### React Developer Intern | Ascent Consulting Services Pvt. Ltd. | Dec 2021 - Feb 2022 | Coimbatore

- Rebuilt UI screens from Angular references into React as part of a platform migration; built reusable components and integrated REST APIs. Converted to full-time at the end of the internship.

## KEY PROJECTS

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### **NCEL Connect - Enterprise E-Procurement Platform** [connect.ncel.co](https://connect.ncel.co)

*Stack: React, TypeScript, Redux Toolkit, MUI, Node.js, Express, PostgreSQL, Prisma, AWS Lambda, SQS, SES, Flutter, GitHub Actions, Nginx, PM2*

- Architected a full procure-to-pay platform handling Rs. 100Cr+ in annual transactions across 500+ vendors and 5 departments - covering vendor onboarding, RFQ, purchase orders, inward processing, 3-way invoice matching, bulk payments, and PDF generation for purchase orders and GRNs.
- Built a Lambda-based notification service handling in-app (DB), push notifications, SMS, and email via SQS; implemented idempotency keys on the backend to prevent duplicate purchase order submissions.
- Engineered bulk NEFT/RTGS payment file generation compliant with exact bank formatting specifications.
- Implemented role-based access control (RBAC) across multiple user roles - controlling screen visibility, workflow permissions, and action-level access for vendors, approvers, finance, and admin users.
- Implemented a master OTP mechanism for dev and UAT environments to bypass SMS provider calls, reducing third-party charges during testing.
- Developed seed scripts using upsert patterns to maintain predictable reference data across dev, UAT, and prod environments - covering lookup APIs such as states, districts, and warehouse details.
- Led development as the senior engineer - driving architecture decisions with the CTO, owning UAT and production deployments and DB migrations, mentoring interns, and guiding REST API integration for the Flutter mobile app ([Play Store](#)).

### **Savidya - EdTech Video Streaming Platform** [savidya.coop](https://savidya.coop)

*Stack: React, TypeScript, Redux Toolkit, MUI, Node.js, Express, MongoDB, Mongoose, JWT, AWS EC2, GitHub Actions, Nginx, PM2*

- Built a production EdTech platform serving learners across rural and semi-urban India with OTP-based mobile authentication and a full CMS admin dashboard in 8 Indian languages.
- Integrated YouTube Data API to eliminate hosting bandwidth costs; implemented React-Intl with DB-stored translations for multilingual support across 8 Indian languages.
- Deployed on AWS EC2 with Nginx reverse proxy, PM2 process management, and GitHub Actions CI/CD pipeline.

### **MeraBioData - Freemium SaaS** [merabiodata.com](https://merabiodata.com)

*Stack: React, Vite, AWS Lambda, MongoDB, Razorpay, Serverless Framework, i18next, @react-pdf/renderer*

- Built a serverless pay-per-download SaaS featuring 12 React-PDF biodata templates, photo upload, Razorpay checkout via AWS Lambda, and signature-verified PDF unlock flow supporting Hindi and English.
- **Additional:** NCEL Landing Page ([ncel.co](https://ncel.co)), NCEL Vendor Interest Portal ([interest.ncel.co](https://interest.ncel.co)) - OTP email verification, S3 presigned URL document uploads, React + Express + Prisma + PostgreSQL.

## EDUCATION

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**B.Tech, Electronics and Communication Engineering** | Aditya College of Engineering & Technology | 2017 - 2021  
| CGPA 7.05