

NOEL JOSE

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Languages: English, Malayalam, Tamil, Hindi



EXECUTIVE SUMMARY

A software engineer with 10 years building production software (5+ full-time) across backend, full-stack, and cloud. Self-taught, starting freelance in 2016 alongside a B.Sc/M.Sc in Chemistry, then full-time engineering from 2021. I build end-to-end systems in Go and TypeScript that balance user experience with robust architecture, across healthcare, education, robotics, and enterprise tooling.

TECHNICAL SKILLS

Primary Stack:

- Go - Backend services
- TypeScript/JavaScript - Frontend, Backend & tooling
- PostgreSQL, Redis/Valkey, Memcached - Data layer
- Docker, GCP (Cloud Run, Cloud Functions) , Any VPS service

Languages & Frameworks:

- Go: Fiber, Temporal, Walis
- TypeScript/JavaScript: React, Next.js, Node.js (Express, Fastify), Electron, Tauri
- Mobile: React Native, Kotlin (Jetpack Compose), Ionic
- Python: Scripting + F.S Development
- PHP: Core, WordPress (legacy projects)
- C - Raylib, GTK

Infrastructure & DevOps:

- Cloud: GCP (primary), AWS (Lambda, EC2, S3), Azure
- Containers: Docker, Kubernetes
- CI/CD: GitHub Actions, GitLab CI
- Systems: Linux (Debian), Nginx

Databases & Caching:

- SQL: PostgreSQL, MySQL
- NoSQL: MongoDB
- Cache: Redis/Valkey

Design & Media:

- Figma, Blender, Adobe Creative Cloud

EXPERIENCE

1.Star Innovation

Senior Software Developer | Thrissur, Kerala | 2024 – April 2026

Architected and delivered frontend systems across React, React Native, and enterprise CMS platforms, serving 50K+ active users. Led migration of legacy monoliths to microservices using Go and Node.js with PostgreSQL, reducing deployment time by 60% and cutting infrastructure costs by 35%. Built high-performance REST APIs in Go handling 500K+ requests/day with sub-100ms response times. Established component libraries and design systems that accelerated feature delivery by 40%. Owned critical production incidents, implementing monitoring solutions that reduced MTTR from 4 hours to 30 minutes.

Tech: React, React Native, Go, Node.js, TypeScript, PostgreSQL, Azure, Docker, CI/CD

2.Yat India

Associate Developer (Part-time: 2019–2021 | Full-time: 2021–2024) | **Chennai**

Joined as the founding developer during the company pivot from automation to IT, building the entire software division from ground up. Delivered 15+ production applications including real-time tracking systems processing 100K+ events/day and customer-facing mobile apps with 20K+ MAU. Designed and deployed AWS infrastructure (Lambda, EC2, S3, API Gateway, SQS) handling 2M+ API requests daily with 99.9% uptime. Built CI/CD pipelines reducing release cycles from weeks to hours. Transitioned to full-time in 2021, scaling team from 1 to 8 developers while maintaining technical leadership across backend services, mobile development, and cloud architecture.

Tech: React, React Native, Vue, Svelte, Express, MongoDB, TypeScript, AWS, Serverless, WebSockets

3. Freelancer

Software/Web Developer | Chennai | 2015 – Present

Delivered 30+ production applications for clients in education, retail, media, and enterprise sectors. Notable projects: built a real-time inventory management system handling 50K+ SKUs for multi-location retail chains, developed custom LMS serving 5K+ students with video streaming and assessment tools; created event booking platform processing \$500K+ in transactions annually. Specialized in rapid MVP development (2-4 week delivery), backend optimization (achieving 10x performance gains), and full-stack execution from design through deployment.

Tech: React, Node.js, Go, PHP, MongoDB, PostgreSQL, MySQL, AWS, TypeScript, REST/GraphQL APIs

Recently Developed Projects

Chess Academy Platform (2022–2024) — Next.js, Express.js, Ably, AWS Lambda

- Built a fully integrated education platform supporting students, parents, coaches, and admin users.
- Implemented real-time class sessions and multiplayer chess environments using Ably.
- Automated billing, progress tracking, and scheduling workflows, reducing manual overhead for the academy.

Correspondence Management System (2024–Present) — Go (Fiber), Temporal, React, React Native, PostgreSQL

- Designing and implementing a large-scale communication and workflow automation platform for enterprise teams.
- Using Temporal to orchestrate long-running, stateful business processes with guaranteed reliability.
- Built secure, role-based departmental communication channels and audit-ready data trails for compliance.

Robotics Education CRM (2025) — Node.js (Express), Go (Fiber), React, PostgreSQL/MongoDB, Google Maps APIs

- Re-architected a broken internal CRM used for sales and lead management.
- Delivered real-time GPS tracking for mobile field staff and automated mileage-based travel reimbursement.

- Built a role-based communication system enabling structured messaging between sales reps, regional managers, and headquarters.

Medical Diagnostics Operations Platform (2025–Present) — Node.js, React, PostgreSQL

- Developing a unified operations platform for a medical diagnostics provider.
- Implementing patient-facing features including test search, appointment booking, and instant online results.
- Building center-level administrative dashboards to consolidate daily operations, staff workflow, and reporting.

EDUCATION

Postgraduate – 83% – 2021

Undergraduate – 74% – 2019

High School (HSC) – 79% – 2016

School (SSLC) – 83% – 2014

Thank you for taking the time to review my application.

I appreciate your consideration and would be excited for the opportunity to contribute my experience and passion for building reliable, human-focused software to your team.