

# AJITHKUMAR HARIRAMAN

SENIOR SOFTWARE ENGINEER | FULL STACK | NODE.JS | TYPESCRIPT | REACT.JS | AWS

Kuala Lumpur, Malaysia | Available Immediately for Interviews | Notice Period: Nil

+60 11-4354 2574 | ajithkumarhariraman@gmail.com

---

## PROFESSIONAL SUMMARY

Senior Software Engineer with 7+ years of experience delivering enterprise web applications and digital platforms end to end - from requirements and solution design through full-stack implementation, testing, release, deployment and production support. Experienced across Node.js/TypeScript, React/Next.js, PHP/Laravel, REST APIs, SQL/NoSQL, cloud infrastructure and third-party integrations. Proven in translating complex business and regulatory rules into maintainable systems, diagnosing production issues across application, data and infrastructure layers, and coordinating with product, QA, infrastructure and international client stakeholders. Strong focus on architecture, security, reliability, performance, code quality and production ownership.

## SENIOR ENGINEERING CAPABILITIES

**End-to-End Ownership:** Requirements clarification, solution design, estimation, implementation, testing, release coordination, deployment verification, production stabilization and continuous improvement.

**System Design & Architecture:** Application/service boundaries, API design, data modelling, caching, asynchronous processing, event-driven workflows, transaction boundaries, idempotency, retries, fault handling and scalability.

**Technical Leadership & Quality:** Technical design discussions, peer code reviews, engineering standards, troubleshooting guidance, maintainability, testing strategy and knowledge sharing.

**Business & Stakeholder Delivery:** Translate business rules into technical solutions, challenge ambiguous requirements, communicate trade-offs, coordinate dependencies and work directly with product, QA, infrastructure and client teams.

**Production Engineering:** Incident analysis, root-cause isolation, security/reliability improvements, logging/observability, deployment verification and coordinated corrective actions across application and infrastructure layers.

## CORE TECHNICAL SKILLS

**Full Stack:** JavaScript (ES6+), TypeScript, Node.js, Express.js, NestJS, React.js, Next.js, HTML5, CSS3, Tailwind CSS, responsive UI, forms, state/hooks and API integration.

**APIs & Integration:** REST, GraphQL, JSON, OpenAPI/Swagger, webhooks, third-party integrations, API versioning, validation, middleware, payment/workflow integrations.

**Databases & Caching:** PostgreSQL, MySQL, MongoDB, Redis, SQL, schema design, joins, transactions, indexing, query optimisation, migrations, connection pooling, cache-aside.

**Architecture & Messaging:** Layered / Controller-Service-Repository architecture, Dependency Injection, modular monoliths, microservices, event-driven architecture, Kafka, queues, producers/consumers, retries, DLQ, idempotency, transactional outbox.

**Cloud / DevOps / Operations:** AWS (Elastic Beanstalk, RDS, S3, ALB/WAF, CloudWatch), Docker, Linux, NGINX, Git, GitHub Actions, CI/CD, configuration management, deployment and production troubleshooting.

**Security / Testing / Observability:** JWT, OAuth 2.0/OIDC, RBAC, validation, secure uploads, security headers/CSP, Jest, Supertest, unit/integration/API/E2E testing, logs, Grafana and Datadog.

## PROFESSIONAL EXPERIENCE

**Software Engineer** | SmartPoint Technologies Pvt. Ltd. / Antares Vision Group - Chennai, India / Bahrain client-site | Jun 2023 - May 2026

- Owned end-to-end delivery of enterprise healthcare and regulatory digital services across requirement clarification, workflow design, implementation, testing, release support and production troubleshooting.
- Designed and delivered multi-stage onboarding, approval, contract, payment and product-registration workflows spanning 17+ lifecycle states, translating regulatory and business rules into maintainable, auditable application logic.
- Built full-stack web functionality across user journeys, administrative interfaces, validation-heavy forms, document workflows, reporting and role-based experiences, supported by MySQL and REST integrations.
- Implemented authentication/authorization, RBAC, scheduled processing, document storage, notifications, reporting, payment-related processes and third-party API integrations; contributed to technical design discussions and peer reviews.
- Owned investigation and resolution of production incidents across application code, database, NGINX, AWS/RDS, WAF/load balancer, sessions/cache and deployment layers; coordinated corrective actions with engineering and infrastructure teams.

- Worked directly with Bahrain client, product and infrastructure stakeholders during releases and incidents, communicating technical findings, validating fixes and supporting production stabilization.

**Software Engineer** | Edvenswa Tech Pvt. Ltd. - Hyderabad, India | Jan 2023 - Apr 2023

- Developed Node.js/Express and JavaScript/TypeScript services and REST APIs for healthcare/EHR workflows, including validation, asynchronous business logic, integrations and relational data operations.
- Collaborated with frontend, QA and product teams to translate requirements into API contracts and implementation tasks; investigated defects, supported fixes and contributed to release readiness.
- Applied reusable service-layer design, centralized error handling, authentication/authorization and maintainable coding practices across API-driven features.

**Software Engineer** | Swipewire Technologies Pvt. Ltd. - Chennai, India | Mar 2021 - Dec 2022

- Built and maintained Node.js/Express web services and REST APIs for business applications, covering authentication, authorization, third-party integrations, asynchronous processing and SQL-backed workflows.
- Implemented reusable controller/service logic, validation, error handling and database operations while collaborating across backend, frontend, QA and product teams.
- Participated in peer code reviews, Git-based delivery, debugging, release support and Agile/Scrum execution.

**Software Engineer** | Sathyanarayana United Software Pvt. Ltd. - Chennai, India | May 2019 - Feb 2021

- Developed full-stack web application functionality using PHP/Laravel, JavaScript and MySQL, including REST APIs, forms, authentication, validation, reporting and database-driven business workflows.
- Handled SQL queries, schema changes, application debugging, testing, deployment activities and production issue resolution.

**Junior Software Engineer** | Altran Technologies Pvt. Ltd. - Chennai, India | Aug 2017 - Apr 2019

- Built foundational software-engineering experience through application development, debugging, database concepts, structured technical training and team-based delivery.

## SELECTED FULL-STACK ENGINEERING PROJECT

---

**Cloud-Ready E-Commerce Platform - Independent Engineering Project** | Node.js / TypeScript / NestJS / React / PostgreSQL / Docker | Current

- Building an end-to-end production-structured application with React frontend integration, NestJS services, strict TypeScript, authentication, validation, centralized error handling, SQL persistence, health checks and modular boundaries.
- Implementing controller-service-repository architecture, REST APIs, caching, messaging/event-processing patterns, testing, Docker and CI/CD with focus on independently explaining and reproducing the implementation.
- Using the project to strengthen end-to-end product delivery across frontend, backend, database, integration, testing, deployment and production-readiness concerns.

## SELECTED ENGINEERING STRENGTHS

---

- Production Ownership: incident analysis, root-cause isolation, logging, deployment verification, database/application troubleshooting, reliability improvements and coordinated release support.
- Security & Reliability: authentication/authorization, RBAC, validation, secure uploads, transaction consistency, idempotency/retry patterns, audit trails, performance and failure handling.
- Collaboration & Delivery: requirement clarification, technical discussions, peer reviews, documentation, knowledge sharing, Agile delivery and international client-facing production support.

## EDUCATION & ADDITIONAL INFORMATION

---

**Education:** Bachelor of Engineering (B.E.) | Anna University, Chennai | 2017

**Availability:** Immediate for interviews | Current location: Kuala Lumpur, Malaysia | Open to Kuala Lumpur / Selangor / Malaysia opportunities

**Work Authorisation:** Requires employer-sponsored Malaysian Employment Pass before commencing employment

**Languages:** English - Professional working proficiency | Tamil - Native