

Udith Chandrarathna

Full Stack Developer

Johor, Malaysia | udithsc@gmail.com | +60 19 510 2764 | linkedin.com/in/udithc | github.com/udithsc | udith.cc

PROFILE SUMMARY

Innovative and performance-driven **Full-Stack JavaScript Engineer** with 9+ years of experience designing and developing scalable, high-performance web applications across fintech, telecom, and SaaS domains. Proficient in **React, Next.js, Vue, and NestJS**, with advanced expertise in **TypeScript, REST, GraphQL, and Prisma**. Skilled in **system architecture, API design, and database optimization**, delivering cloud-native solutions on **AWS, Vercel, and Firebase**. Adept at building modular, maintainable systems, improving developer velocity, and collaborating cross-functionally to deliver robust enterprise platforms.

EXPERIENCE

- Singlife** , Specialist Senior Software Engineer 03/2023 – Present | Johor Bahru, Malaysia
- Developed and maintained **financial advisory and insurance platforms** using **React, Vue, and NestJS**, ensuring scalability, security, and optimal performance.
 - Designed and implemented **GraphQL and REST APIs** with **NestJS, PostgreSQL, and Prisma**, enabling reliable, real-time financial transactions.
 - Architected modular backend services to integrate advisory tools and customer data pipelines across multiple systems.
 - Integrated **Sentry** and implemented observability metrics to improve reliability, latency, and Core Web Vitals.
 - Collaborated with DevOps on **CI/CD pipelines** and secure deployments, ensuring consistent performance across environments.
- Tech Venturas LLC** , Associate Technical Lead (Promoted from: Senior Software Engineer) 11/2021 – 03/2023 | Colombo, Sri Lanka
- Led development of **Next.js + Node.js SaaS platforms**, integrating **PostgreSQL and Prisma ORM** for efficient, scalable data management.
 - Built and deployed **authentication and data-processing microservices**, reducing response times and improving system resilience.
 - Standardized engineering practices by introducing **TypeScript, ESLint, Prettier**, and automated CI quality checks.
 - Managed **AWS and Vercel** CI/CD pipelines, reducing release cycles by 30% and improving build reliability.
 - Collaborated with stakeholders to define architecture, system boundaries, and delivery milestones.
- Omobio (Pvt) Ltd** , Senior Software Engineer (Promoted from: Associate Software Engineer & Software Engineer) 11/2017 – 10/2021 | Colombo, Sri Lanka
- Developed hybrid and web applications using **React, React Native, ExtJS, Yii(PHP) & CodeIgniter** ensuring compatibility across enterprise clients.
 - Delivered a **Sales Force Automation System** for Robi Axiata, increasing operational efficiency by 35%.
 - Managed front-end and back-end deployments on Linux servers, ensuring smooth releases.
- Visni (Pvt) Ltd** , Software Engineer Intern 07/2017 – 11/2017 | Colombo, Sri Lanka
- Built Android apps in **Java**, improving offline support and UI responsiveness.

EDUCATION

Bachelor of Science (Hons) in Information Technology 2014 – 2018 | Colombo, Sri Lanka
General Sir John Kotelawala Defence University 

TECHNICAL SKILLS

Full-Stack Development: React.js | Next.js | Vue.js | Node.js | Express.js | NestJS | Redux Toolkit | Zustand | React Query

Backend & Databases: RESTful & GraphQL APIs | PostgreSQL | Prisma | MongoDB | Firebase | Sanity CMS

Architecture & Systems: Microservices | SSR / ISR / SSG | CI/CD Integration | Monorepo (Nx, Turborepo) | Docker | AWS | Vercel

Testing & Quality: Jest | Cypress | Playwright | SonarQube | ESLint | Prettier | Husky | Storybook

Performance & Observability: Sentry | Lighthouse CI | Core Web Vitals | Caching | Code Splitting | Bundle Optimization

Languages: TypeScript | JavaScript (ES6+) | HTML5 | CSS3 | PHP

KEY PROJECTS

Propel , Financial Advisory Platform for Singapore Life Limited, Singapore
Developed a **full-stack financial advisory platform** using **Vue 3, NestJS, PostgreSQL**, and **Prisma**, enabling secure, real-time client advisory operations. Designed **role-based access control (RBAC)** and **modular APIs** to enhance maintainability, scalability, and system performance.

Smartest KYC , AI-Driven Onboarding SaaS for Tech Venturas, Sri Lanka
Architected a **Next.js + Node.js** full-stack onboarding solution with **OCR verification** and **liveness detection**, handling over **1K daily verifications** with 95% accuracy. Designed secure **data-processing APIs** and automated verification pipelines using **AWS Lambda** and **Prisma**.

Airtel Self Care , Self-service mobile app for Bharti Airtel Lanka, Sri Lanka
Developed **hybrid subscription and billing modules** using **Yii, Ionic, and Angular**, enabling 50K+ monthly self-service transactions and reducing customer-support calls by 35%.