

HASINDU WANNINAYAKE

Full Stack Software Engineer | React.js | Node.js | Java Spring Boot

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PROFESSIONAL SUMMARY

Full Stack Software Engineer with 3+ years of hands-on experience building production web applications, scalable REST APIs, and database-backed systems across the complete SDLC. Strong proficiency in React.js, Next.js, Node.js, Express.js, Java/Spring Boot, MySQL, and MongoDB. Most recently served as the sole Full Stack Engineer at a travel super-app startup, owning features from requirements and architecture through development, testing, deployment, and production support. Additional expertise in AI integration (LLM APIs, LangChain, RAG) enabling delivery of intelligent, modern web applications.

CORE TECHNICAL SKILLS

Frontend Development

- React.js — hooks, context API, state management, component architecture, performance optimisation
- Next.js 15 — App Router, SSR, SSG, TypeScript, image optimisation, API routes
- JavaScript (ES6+) / TypeScript — async/await, promises, destructuring, modules
- HTML5, CSS3, Tailwind CSS, shadcn/ui, responsive design, cross-browser compatibility
- Recharts, TanStack Table, animation libraries, UI/UX implementation

Backend Development

- Node.js & Express.js — RESTful API design, middleware, authentication, error handling, async patterns
- Java & Spring Boot — @RestController, @Service, @Repository, JPA/Hibernate, Spring Security, exception handling
- PHP & Laravel 11 — REST API development, Eloquent ORM, database seeding, CORS configuration
- REST API Development — endpoint design, versioning, JWT authentication, OAuth 2.0, third-party integrations

Databases & Cloud

- MySQL — schema design, query optimisation, indexing, normalisation, stored procedures
- MongoDB — document design, Mongoose ODM, aggregation pipelines, NoSQL patterns
- Firebase — Realtime Database, Authentication, Hosting, Cloud Functions
- AWS — EC2, S3, Lambda, RDS, API Gateway (foundational) | GCP — Cloud Run, Firebase (production)
- Docker, CI/CD pipelines, GitHub Actions, Git, GitHub — branching, PR workflows, code reviews

AI Integration (Value-Add)

- LLM API Integration — OpenAI, Anthropic Claude, prompt engineering, AI-powered features
- LangChain, RAG pipelines, ChromaDB, vector embeddings, n8n workflow automation
- Anthropic Claude Code in Action Certificate — MCP, agentic workflows

PRODUCTION DEPLOYMENTS (LIVE SITES)

Aahaas.com — Analytics Dashboard + Marketing Site + REST API Backend

Live in Production

Next.js 15 · TypeScript · TailwindCSS · shadcn/ui · Laravel 11 · PHP · React · MySQL · Recharts · TanStack Table

- Built 3 production components: Analytics Dashboard (Next.js 15 + TypeScript tracking Facebook/Instagram ad KPIs), Marketing Site (responsive public-facing site), Laravel 11 REST API Backend (product management, MySQL, CORS-enabled endpoints)
- Managed real ad spend CSV data, multi-role access (login/register), multi-page routing across dashboard, ads, packages, offers, inquiries, insights, logs modules — deployed to Vercel

IPSD Academy — ipsdacademy.com (Live Production Website)

JavaScript · Node.js · HTML · CSS · Client-Server Architecture

- Delivered production website for real organization with active users — auto-advancing hero slider, animated counters, gallery lightbox, smooth scroll navigation, contact form validation

JaLux Gems — jaluxegems.com (Live E-Commerce Platform)

- Frontend development contribution to live gems and jewellery e-commerce platform

KEY PROJECTS

AI Travel Quotation Assistant

JavaScript · Node.js · Express · OpenAI API · React

github.com/Iron-voldy/TravelQuotationAssistant

- AI-powered quotation system — users describe travel needs, receive instant AI-generated itineraries and cost breakdowns via OpenAI API
- Clean frontend/backend separation: React UI consuming Node.js/Express REST API

Bookstore Web Application

Java · Spring Boot · MySQL · REST API

- Full-featured online bookstore with product catalog, user authentication, and order management on Spring Boot layered architecture

CineLina Movie Platform

TypeScript · Next.js 15 · App Router · CSS Modules

- Modern movie platform built with Next.js 15 App Router and TypeScript — SSR, optimised images, responsive layout

PROFESSIONAL EXPERIENCE

Full Stack Software Engineer — Aahaas

Nov 2025 – May 2026

Colombo, Sri Lanka | Travel Super-App Startup (Sole Engineer)

- Owned full-stack development — React frontends, Node.js/Express.js APIs, MySQL databases, and AI workflow integrations
- Built LLM-powered travel itinerary generator: LLM APIs, n8n orchestration, backend validation, production MySQL-backed data flows
- Built AI quotation automation for Apple Holidays using prompt engineering, dynamic data pipelines, and REST API integrations
- Designed database schemas, REST API endpoints, and frontend screens — tested, deployed, and supported in production

Junior Software Developer (Contract) — Xsoftus

Sri Lanka | 2024 – 2025

- Built and maintained client websites and full-stack solutions using JavaScript, PHP, MySQL, HTML, CSS
- Fixed bugs, improved page behaviour, delivered multiple client projects within timelines

Software Development Tutor — Destiny Lab

Sri Lanka | 2022 – 2025

- Taught Java, JavaScript, web development, Android, OOP, and software fundamentals to beginner and intermediate students

Software Development Intern — Sysoft Developers

Sri Lanka | May 2022 – Oct 2022

- Developed client-facing websites and features using PHP, HTML, CSS, JavaScript, and MySQL

EDUCATION

BEng (Hons) in Software Engineering — IIC University

2022 – 2026 (Ongoing)

BSc (Hons) in Information Technology — SLIIT

2024 – Present (Ongoing)

CERTIFICATIONS

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- Anthropic Claude Code in Action Certificate — Anthropic
 - Young Computer Scientist Merit Award — 2017 & 2018 (National Level)
 - SLIIT Codefest Merit Award — 2017

REFERENCES

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