

Keshan Gamage

Sri Lanka | +94 786942969 | keshan.gimhana.gamage@gmail.com
keshangamage.com | github.com/keshangamage | linkedin.com/in/keshan-dev

Summary

Full-Stack Developer experienced in building end-to-end applications across frontend, backend, and mobile platforms using JavaScript, TypeScript, React.js, Next.js, React Native, and Node.js. Skilled in RESTful API development, database design, responsive UI development, and cloud platforms including Firebase and AWS. Passionate about writing clean, maintainable code and collaborating with teams to build scalable and user-focused digital solutions.

Technical Skills

Frontend: JavaScript, TypeScript, HTML5, CSS3, Tailwind CSS, Bootstrap

Backend: Node.js, Express.js, REST APIs, Python, SQL, PostgreSQL, MongoDB, Firebase, Drizzle ORM

Frameworks: React.js, Next.js, Vite, FastAPI, React Native

Tools: Git, GitHub, Docker, AWS (EC2, S3), Vercel, Netlify, Postman

Other Skills: MVC architecture, API integration, Database Design, Problem Solving, Team Collaboration

Education

University of Staffordshire (2024-2027)

Bachelor of Science (Hons) in Computer Science

Kingswood College, Kandy (2016-2024)

Primary and Secondary Education

Achievements

Most Innovative Concept Award | AITHON 2026, HEMAS HOLDINGS PLC (2026)

Won among 75+ teams and 300+ participants for InsightQL, a Next.js/AI analytics MVP that turns plain-English questions into secure SQL insights and interactive dashboards.

1st Place | CodeVerse '25 Hackathon, APIIT (2025)

Won for Optiq, a Next.js and OpenAI-powered study platform for document upload, quizzes, flashcards, notes, mind maps, semantic search, and RAG-powered chat with voice interaction.

Projects

Lunexi - AI-Powered Study Assistant | React 19, Tailwind, Node.js, Express, PostgreSQL, Prisma, OpenAI API

- Built an AI study platform that converts notes and PDFs into summaries, flashcards, quizzes, and spaced-repetition review sessions.
- Implemented persistent learning progress, AI chat threads, PDF text extraction, OpenAI generation workflows, fallback handling, and SM-2 review scheduling.
- Designed a React 19 and Tailwind frontend backed by Node.js, Express, Prisma-managed PostgreSQL models, JWT configuration, and full-stack development scripts.

Shopfinity - E-Commerce Web Application | React.js 19, Vite, Tailwind CSS, Firebase, Chart.js

- Built a mobile-first e-commerce platform with product discovery, detailed product pages, persistent cart state, and checkout workflows.
- Integrated Firebase authentication, Firestore-backed data flows, and admin dashboards for inventory, orders, customer insights, and Chart.js analytics.

Additional Information

- **Languages:** English (Fluent), Sinhala (Fluent).
- **Interests:** Full-Stack Development, UI/UX Design, Responsive Web Design, Mobile App Development, API Architecture, and Cloud Deployment.