NISHMIKA EKANAYAKA

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SUMMARY

Impact-driven Full-Stack Developer delivering fast, scalable solutions to real-world problems.

Solo-built ResQ—a real-time emergency response platform prototype—in 3 weeks using Next.js, NestJS, PostGIS, Mapbox, and Twilio, proving rapid end-to-end ownership of geospatial and communication systems. Also shipped Hangout (real-time chatroom) and contributed to Travel Ceylon (MERN stack travel and tourism platform).

Expertise in TypeScript, React, PostgreSQL,MongoDB, and Node.js, leveraging this proficiency in real-time architecture to deliver clean architecture, smooth UX, and build impact-driven, mobile-first applications that scale.

PROJECTS

ResQ – Real-time Emergency Response Platform   Nov - Dec 2025
Full-Stack Developer (Solo)
Live | Github

- Designed and shipped a real-time emergency response prototype in 3 weeks that connects victims with nearby volunteers during floods and landslides
- Implemented draggable Mapbox pins with PostGIS geospatial queries, real-time incident tracking, and instant Twilio SMS alerts ("Help is on the way!")
- Built end-to-end using Next.js, NestJS, Turborepo, PostgreSQL + PostGIS (Neon), Tailwind CSS
- Fully deployed on Vercel + Railway and open-source – ready for real-world use

Hangout – Real-time Chatroom Platform   Oct - Nov 2025
Full-Stack Developer (Solo)
Live | Github

- Built a real-time chat app with host-controlled rooms, participant limits, image sharing, and timed sessions using Socket.IO
- Enabled instant joining via meeting code or email invitation (Nodemailer + Brevo), no signup required
- Full MERN stack with React, Node.js, Express, MongoDB, Cloudinary, JWT, and Tailwind CSS

Travel Ceylon – Travel Booking Platform   April - August 2025
Frontend Developer (Team of 5)
Github

- Developed the complete taxi booking module including renting/hiring flows, real-time availability filtering, detailed listings, and booking confirmation
- Built responsive, mobile-first interfaces with Tailwind CSS and integrated with Node.js/Express backend APIs
- Full MERN stack with React, Node.js, Express, MongoDB, Cloudinary, JWT, and Tailwind CSS
- Contributed to production deployment on Vercel serving real users

CashFlowX – Personal Finance Tracker   **June - July 2025**
Frontend Developer (Team of 5)
Live | Github

- Developed the complete transactions module – enabling users to track income/expenses by category, filter by date/type, and view real-time updates
- Delivered a clean, mobile-first finance dashboard that helps users visualize spending habits and manage monthly budgets effortlessly
- Full MERN stack with React, Node.js, Express, MongoDB, Cloudinary, JWT, and Tailwind CSS
- Contributed to production deployment on Vercel serving real users

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EDUCATION

Bachelor of Information and Communication Technology (Hons)   **July 2023 -Expected 2027**
University of Sri Jayewardenepura, Sri Lanka

- Specialization in Software Technology
- 3rd Year Undergraduate
- Current CGPA: 3.50(3rd year)

G.C.E. Advanced Level   **2022**
Rahula College, Matara, Sri Lanka

- 3As

ADDITIONAL INFORMATION

- **Technical Skills:** Next.js, React, TypeScript, NestJS, Node.js, Express, PostgreSQL, MongoDB, Prisma ORM, Socket.IO, Cloudinary, JWT Auth, Git/GitHub, Tailwind CSS, REST & Real-time Systems, Geospatial Development
- **Languages:** Sinhala(Native), English(Fluent)
- **Soft Skills:** Solo & Team Delivery, Problem-Solving Under Pressure, Clear Communication, Agile Workflow
- **Tools:** VS Code, Git/GitHub, Postman, Prisma Studio, Vercel, Railway, Neon Console, Mapbox Studio, Cloudinary, Figma (for handoff)

REFERENCES

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