

LINUKA BANDARA

Software Engineering Student | Full-Stack Developer

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PROFILE

Full-stack developer who has shipped three production applications — from database design and API architecture through frontend development and client deployment — using React, ASP.NET Core, Next.js, and PostgreSQL. Comfortable owning a project end-to-end, including live client handover.

EDUCATION

Higher Diploma in Computing & Software Engineering

ICBT Campus, Colombo | 2025 – Present

Top-up degree in progress

G.C.E. Advanced Level, Sri Lanka

Bio Science · 1C, 2S · 2023

PROJECTS

DispatchArc — Full-Stack Project | 2026

[GitHub](#) · [Live Demo](#)

- Built a production-style field-service platform managing the full job lifecycle — scheduling, technician assignment, quoting, invoicing, and payments — with role-based access across 3 permission tiers (admin, dispatcher, technician).
- Designed the PostgreSQL schema and REST API around job-state transitions, with JWT-based authentication securing every endpoint.
- Containerized the application with Docker, enabling a single-command, consistent setup across development and deployment environments.

Stack: C# · ASP.NET Core · PostgreSQL · REST API · JWT · Docker

BGS AgriStock — Full-Stack Project | 2026

[GitHub](#) · [Live Demo](#)

- Replaced a fully manual, paper-based stock-tracking process with a centralized inventory platform for a live fertilizer and agrochemical business.
- Designed the MySQL data model and built inventory records, stock-movement, and reporting workflows used daily by non-technical warehouse staff.
- Delivered a low-friction interface requiring no training for staff previously relying on manual logs, reducing day-to-day stock discrepancies.

Stack: React · JavaScript · MySQL

Suranga Gems — Client Website | 2026

[GitHub](#) · [Live Website](#)

- Independently delivered a responsive production website from client brief and design direction through development, deployment, and handover.
- Optimized an image-heavy editorial interface for mobile users, improving load responsiveness across the product catalog.
- Managed the full client relationship end-to-end, including deployment on the client's own production domain.

Stack: React · JavaScript · CSS

TECHNICAL SKILLS

Languages: C# · TypeScript · JavaScript · Java

Frontend: React · Next.js · HTML5 · CSS3 · Vite

Backend: ASP.NET Core · Node.js · Express.js · REST APIs

Databases: PostgreSQL · MySQL

Tools: Git · GitHub · Docker