

CHANDUPA LOKULIYANA

ASSOCIATE SOFTWARE ENGINEER

lokuliyana@gmail.com | 0758515818 | Colombo, Sri Lanka | Portfolio | Linkdin

PROFESSIONAL SUMMARY

Final-year Computer Science student and Full-Stack Developer with hands-on experience using React, Next.js, Node.js, Django, and MongoDB. Delivered real-world platforms serving 500+ users and improved API performance by 30%. Eager to contribute to Agile product teams as an Associate Software Engineer in a growth-focused environment.

WORK EXPERIENCE

Full Stack Intern, Prologics Solutions (R&D Team)	05/2024 – Present
<ul style="list-style-type: none">Developed ERP and procurement modules for 50+ internal staff using the MERN stackIntegrated OpenAI-powered features to improve user interactions and automationOptimized backend MongoDB queries and indexing, improving API response time by 30%Built client/server integrations to automate internal workflows	
Software Engineer Intern, ICEIEOS	02/2025 – 05/2025
<ul style="list-style-type: none">Implemented secure authentication with role-based access (RBAC) and User Based Access.Reduced Code Lines by 50% with Reusable Components.	

TECHNICAL SKILLS

Frontend React.js, Next.js, JavaScript, TypeScript	Backend Node.js, Express.js, Django, Flask
Databases MongoDB, MySQL, SQL	DevOps & Tools Git, Docker, GitHub Actions, Vercel, Jira
Software Engineering REST APIs, JWT Auth, MVC/MVT, Microservices, OOP	Development Methodologies Agile, Scrum

EDUCATION

Bachelor of Computer Science (Software Engineering), <i>Edith Cowan University, Sri Lanka</i>	02/2022 – 08/2025
<ul style="list-style-type: none">Class: Second Class Upper Division	
BSc (Hons) in ITM (Second Bachelor's Degree), <i>University of Moratuwa, Sri Lanka</i>	2025
<ul style="list-style-type: none">Selected Candidate	
(G.C.E.) A/L O/L, <i>Thurstan College, Colombo</i>	2016 – 2024
<ul style="list-style-type: none">G.C.E. Advanced Level (Commerce Stream), 202: 3As (Z-Score: 1.9455)G.C.E. Ordinary Level, 2021: 9As (ICT, Commerce)	
Diploma in Computing, <i>Australian College of Business and Technologies (ACBT)</i>	02/2022 – 11/2022

PROJECTS

Danidu.com - Enterprise Tuition Management Platform,

Next.js, Express.js, MongoDB | Live: <https://danidu.com/>

- Scaled to 500+ students and 40+ active classes monthly
- Developed admin dashboard with analytics, RBAC, recordings, and quiz modules
- Improved backend throughput by 30% through middleware optimization

Intelligent Spatial Management System, *Python, Django, SQL, Wit.AI (Final Year Project)*

- Real-time room booking for 100+ rooms using Django MVT.
- Wit.AI chatbot and optimized SQL + caching, cutting manual queries and improving response times by 25-30%.

Euphoria Mindfulness App (Under Development), *Live: <https://euphoria-hiru.vercel.app/>*

- Designed app with surveys, guided meditations, and user dashboard
- Reduced page load by 40% via lazy loading and image optimization
- Conducted testing with over 100 beta users

Sri Ananda Dhamma School Platform(Under Development),

Next.js | Live: <https://sri-ananda-dhamma-school-4i9y.vercel.app/>

- Digital platform for classes, announcements, and student profiles for a Dhamma School.
- Backend structure designed for multi-grade support and future attendance/progress tracking.

Vogue Essentials Store - Ecommerce Portfolio, *Next.js* | Live: <https://vogue-essentials-store.vercel.app/>

- Built a basic e-commerce front end with product listing, details, cart, and performance- focused UI.
- Created a responsive portfolio highlighting full-stack projects, skills, and experience.

ACHIEVEMENTS & LEADERSHIP

Best Question Asker, *Nadiya Sri Lanka*

Semi-finalist, *The Debater (Sirasa TV)*

Guest Speaker, *Seethala Ithala (Charana TV)*

Captain, Thurstan College Debating Society

- 15+ championships

Best speaker awards

Colombo District 1st Orator (2017, 202), All-Island 3rd (202)

Secretary, ICT Society

- organized 200+ participant events; 50% cost saving

Team Captain, Dhamma School

- district-first; All-Island Best Dhamma School (202)