

CHANDUPA LOKULIYANA

ASSOCIATE SOFTWARE ENGINEER

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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

- Developed ERP and procurement modules for 50+ internal staff using the MERN stack
- Integrated OpenAI-powered features to improve user interactions and automation
- Optimized 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

- 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),

02/2022 – 08/2025

Edith Cowan University, Sri Lanka

- Class: Second Class Upper Division

BSc (Hons) in ITM (Second Bachelor's Degree), University of Moratuwa, Sri Lanka

2025

- Selected Candidate

(G.C.E.) A/L | O/L, Thurstan College, Colombo

2016 – 2024

- 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, Australian College of Business and Technologies (ACBT)

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)