CHANDUPA LOKULIYANA

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PROFILE

Motivated and detail-oriented Computer Science graduate from Edith Cowan University with a Second Class Upper Division, achieved while completing A/Ls concurrently. Skilled in building scalable, user-centric applications using Next.js, Node.js, Django, and Python. Proven leadership and problem-solving abilities, demonstrated by leading Thurstan College's debating team to multiple championships. Adept at collaborating with cross-functional teams to optimize workflows and deliver high-quality solutions on time. Passionate about contributing to innovative, fast-paced projects.

EXPERIENCE

Software Engineer Intern – ICEIEOS   Feb 2025 – Apr 2025
ICIEOS (PVT) Ltd. | Wijerama

Worked as a Full-Stack developer with Next.Js framework

EDUCATION

Bachelor of Computer Science (Software Engineering)   Jun 2022 – Feb 2025
Edith Cowan University | Rajagiriya, Sri Lanka

- **Second Class Upper Division**
- Key Modules: Project methods and professionalism, Object Oriented Programming, Distributed Systems, Programming Paradigms, Software Testing, Applications Development, Intelligent Systems

Advanced Level (A/L) – Commerce Stream   Nov 2024
Thurstan College | Colombo, 07

- **3As' – 1.9455 (Z-SCORE)**
- 177 – District Rank

Ordinary Level (O/L)   May 2022
Thurstan College | Colombo, 07

- **9As' – with ICT, Commerce**

Diploma in Computing   Jun 2022
Australian College of Business and Technologies | Kollupitiya

- **provided a solid foundation in computing and problem-solving.**

CERTIFICATIONS

- Certification of Human Resource Management (HRM) – IBS Campus
- Certification of Digital Marketing & BM – IBS Campus
- Diploma in Business Management – LPEC Campus

TECHNICAL PROJECTS

Advanced Intelligent Room Booking System (Python, Django)

- Developed a real-time room booking system using Django's MVT architecture, managing availability for 100+ rooms and Optimized SEO of the Web.
- Integrated chatbot functionality with Wit.AI, increasing user engagement.
- Streamlined SQL database operations, reducing query response times by 25%.
- Conducted sentiment analysis to improve user experience based on actionable feedback insights.

Virtual Educational Institute for Sri Lankan Tuition Classes (Node.js, Express.js, Next.js)

- Built a scalable backend for real-time class booking & payments.
- Optimized MySQL queries, reducing load times by 30%.
- Secured user authentication with JWT, ensuring safe access.
- Increased student engagement through video streaming & scheduling.

Movie Recommendation App (GoLang)

- Designed a recommendation chatbot that utilizes the accuracy.
- Developed RESTful APIs for seamless integration with the front end.
- Implemented chatbot functionality, reducing manual query handling time by 35%.

LEADERSHIP

President and Captain, Debating Society (2024 – 2025)

- Directed a team of debaters, securing 15 championship titles, including Wagandara'23 and Siyawas Prathapa.

Secretary, ICT Society (2024)

- Planned and executed events such as workshops and hackathons, engaging over 200 participants.
- Managed event logistics and budgets, achieving 20% cost savings while maintaining quality.

Team Captain, Dhamma School (2023)

- Trained a team of 41, leading them to a district-first achievement.

DEBATING ACHIEVEMENTS

- Best Debater Siyawas Prathapa'24, Best Point Breaker Wagandara'23, Best 3rd Speaker Awarjana,24
- The Debater (Sirasa TV): Reached the semi-finals in a national-level competition.
- Presented in "Seethala Ithala" program - Charana TV

REFERENCES

Dr. Maneesha Caldera

Senior Lecturer

School of Science
Edith Cowan University, Sri Lanka
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Senior Lecturer

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