

Chandupa Poorna LOKULIYANA

Bachelor of Computer Science (Software Engineering)
Edith Cowan University, Sri Lanka

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Professional Profile

Results-driven Computer Science graduate with expertise in leading cross-functional teams, managing technical projects, and optimizing workflows. Skilled in software development and strategic planning, with a passion for delivering innovative, user-focused solutions that enhance efficiency and align with organizational goals.

Key Skills and Proficiencies

- **Technical Skills:** Python, GoLang, C++, Lua, SQL/MySQL, Ruby on Rails, Django, Java Script
 - **Project Management:** Agile/Scrum, Jira, Clickup, Trello, MS Office Suite (Excel, PowerPoint, Word, Outlook)
 - **Soft Skills:** Leadership, Strategic Planning, Communication, Conflict Resolution, Problem-Solving
 - **Technologies:** RESTful APIs, k-NN Algorithm, Sentiment Analysis, MVT Architecture
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Education

Bachelor of Computer Science (Software Engineering)
Edith Cowan University, Sri Lanka (Graduating 2025)

- **GPA:** 3.6
- Key Modules: Project methods and professionalism, Object Oriented Programming, Distributed Systems, Programming Paradigms, Software Testing, Applications Development, Intelligent Systems

Diploma in Computing

Australian College of Business and Technologies

Ordinary Level (O/L)

Thurstan College Colombo

- **9As (Maximum Result)**
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Certifications and Professional Development

- **Human Resource Management (HRM)** – IBS Campus
 - **Digital Marketing** – IBS Campus
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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.
- **Integrated** chatbot functionality with Wit.AI, increasing user engagement by 30%.
- **Streamlined** SQL database operations, reducing query response times by 25%.
- **Conducted** sentiment analysis to improve user experience based on actionable feedback insights.

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%.

Advanced Dictionary Application (C++)

- **Applied** OOP principles to develop a robust dictionary application with efficient search algorithms.
- **Improved** search speed by 40% through optimized data structures and indexing techniques.

Calculator, Tic Tac Toe, and k-NN Classification App (Lua, Slar 2D)

- **Developed** applications incorporating data structures and algorithms for problem-solving and interactive gameplay.
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Leadership and Organizational Experience

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.
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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**
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Referees

Available upon request.