

Chathura Abeygunawardhana

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PROFILE

IT undergraduate at the University of Moratuwa with a strong interest in web development, mobile development, and DevOps. Passionate about building user friendly web and mobile applications and delivering software solutions to real world problems.

EDUCATION

University of Moratuwa

Sri Lanka

BSc Honours in Information Technology

Expected 2026

- CGPA: 3.62 out of 6 up to semester 3
- Dean's List: Level 02 Semester 01 (SGPA 3.81)

Richmond College

Galle

Secondary Education

- GCE Advanced Level, Physical Science Stream - AAB
- GCE Ordinary Level Examination: 9 As

IJSE Institute of Software Engineering

Comprehensive Master in Java Development

Completed 2022

EXPERIENCE

WireApps Ltd

Trainee Software Engineer

May 2025 – Sep 2025

- Contributed to production level systems and collaborated with senior engineers

WireApps Ltd

Software Engineer Intern

Oct 2024 – Apr 2025

- Worked on software development in a javascript tech stack

PROJECTS

FieldMaster | Group Project | [Repo](#) | [Demo](#)

2024

- Second year software project for land measurement
- Role: Full stack developer
- Developed remote measuring functionality and CRUD operations for managing map templates
- Built features for both mobile and web platforms
- Technologies: React Native, React, Node.js, MongoDB

Shopping Assistance System | Group Project

2023

- Role: Group leader and web developer
- Developed a web interface to input product quantities
- Implemented Arduino based automated shopping cart using line following
- Technologies: Arduino, HTML

PC Builder Expert System | Individual Project | [Live Demo](#) | [Frontend Repo](#) | [Backend Repo](#)

2025

- Designed a custom PC builder expert system recommending optimal configurations
- Generated Balanced, Performance, and Upgradeable builds with full explainability

- Technologies: Next.js, Python, Django, Vercel, Heroku

NextShop - Online Shopping Platform | Group Project | [Repo](#)

2025

- Developed the product service for a microservices-based e-commerce platform supporting scalable product catalogue management
- Implemented RESTful APIs for product CRUD operations, category retrieval, and product search using Spring Boot and MongoDB
- Integrated the service with Netflix Eureka for service discovery and exposed endpoints through Spring Cloud Gateway
- Technologies: Spring Boot, MongoDB, Spring Cloud, Docker, Swagger

Flask CI/CD Pipeline | [Repo](#)

2026

- Built containerized Flask REST API with automated testing
- Implemented full CI/CD pipeline using GitHub Actions
- Deployed to AWS Elastic Beanstalk with continuous delivery
- Technologies: Flask, Docker, GitHub Actions, AWS

TECHNICAL SKILLS

Programming Languages: C, Java, Python, JavaScript

Web Development: HTML, CSS, ReactJS, NodeJS, Bootstrap

Mobile Development: React Native

Databases: MySQL, MSSQL, MongoDB

DevOps and Cloud: Docker, Kubernetes, GitHub Actions, Jenkins, AWS, Terraform

Version Control: Git

Design and Tools: Figma, Blender, GIMP, Adobe After Effects, Filmora, Cisco Packet Tracer

Other: Fast typing 84 WPM, Linux

COMPETITIONS AND ACHIEVEMENTS

- Duothan 2024: First Place, Inter University Web Development Hackathon
- AlgoXplore 1.0: First Place, NSBM
- FestX 4.0 Hackathon: Second Place
- CodeRally 4.0: Second Runner Up, IEEE CS IIT
- CoderRush 2023: First Place, University of Moratuwa
- Coderush 2022: Fourth Place
- Codefest 2022: Top 10 Finalists
- Aces Coders V10.0: 13th Position

VOLUNTEERING

- Co Chair and Under Secretary General of Administration, SLRMUN 2023 Conference

LANGUAGES

- Sinhala: Native
- English: Fluent

REFERENCES

- Dr. Piyumal Ranawaka, Lecturer, University of Moratuwa, Phone: +94 77 591 6587
- Prabhash Thilina Bopege, Project Manager, TurboGen, Phone: +94 72 155 7955