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*

- GPA : 3.71
- Dean's List: 3/8 semesters

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