HAYESHA PERERA

SOFTWARE ENGINEER INTERN

Address: 13/15 B, Newtown, Ratnapura

Phone: +94765662025

Email: hayeshahp6@gmail.com

GitHub: https://github.com/HayeshaPerera

LinkedIn: hayesha-perera

Portfolio: hayesha/portfolio

OBJECTIVE

Motivated Information Technology undergraduate with practical experience in full-stack web development, smart contracts, and embedded systems. Passionate about learning and building real-world tech solutions. Looking for an internship opportunity to apply my technical skills, grow as a developer, and contribute to a collaborative team environment.

TECHNICAL SKILLS

Programming Languages: Java, JavaScript (JS), Python, C

Web & Application Development: React.js, Node.js, HTML5, CSS3, Redux, PHP, Laravel

Database: SQLite, MySQL

Tools & Platforms: Git, Docker, Postman, VS Code, Figma, Canva

Blockchain & Web3: Web3Auth, XRPL, NFT Integration

EDUCATION

University of Moratuwa   2023 - Expected 2027
B.Sc.(Hons) in Information Technology and Management

Sumana Balika Vidyalaya Ratnapura   2021
GCE Advanced Level - 2021

PROJECTS

Court Booking System (DApp)   2025
Level 2 Software Development Project (Group Project)
- Contribution: Built the court owner management system (add/edit/delete courts, booking stats, dashboard, chatbot, profile management).
- Mentorship: Geveo Australasia (Pvt) Ltd
- Technologies & Tools: React.js, HotPocket smart contracts, XRPL, NFT, Node.js, SQLite
- GitHub

CloudOptimizer Pro – Multi-Cloud Cost Optimization Platform   2025
- Built AI-powered cost optimization recommendations with interactive dashboards.
- Implemented dual-service architecture with secure Google OAuth login.
- Technologies & Tools: Ballerina, Chart.js, Google OAuth, REST APIs
- GitHub

Ecom – Laravel E-Commerce Web App   2024
- Full cart & checkout, user registration/login, product catalog with discounts.
- Tech Stack: Laravel (PHP), Blade Templating, MySQL, Bootstrap 5
- GitHub

Automated Rope Making Machine – Embedded System Project   **2024**
Level 1 Hardware Project (Group Project - Leader)
- Built a fully automated rope-making system with contribution of PCB design, rotary encoder input, live display of rope length.
- Technologies & Tools: Arduino, C, Proteus Simulation, EasyEDA
- GitHub

CERTIFICATIONS
- AWS Cloud Practitioner Essentials – AWS Training & Certification, 2025
- Blockchain: Understanding Its Uses and Implications (LFS170) – The Linux Foundation, 2025 (Credential ID: LF2450blipn4)
- Build a Computer Vision App with Azure Cognitive Services – Microsoft (via Coursera), 2025 (Verify)
- Machine Learning Pipelines with Azure ML Studio – Coursera Project Network, 2025 (Verify)

EXTRACURRICULAR ACTIVITIES

- **Flyer Designer, Futuro 3.0** – IEEE Women in Engineering Student Branch, University of Moratuwa: Designed event branding flyers.
- **Flyer Designer, NurtureNook 2.0** – IEEE Women in Engineering Student Branch, University of Moratuwa: Created theme-based promotional designs.
- **Content Writer, Weekly Tech Byte** – Rotaract Club, University of Moratuwa: Wrote weekly articles on tech trends.

LANGUAGE PROFICIENCY

- Sinhala – Native
- English – Fluent

CORE COMPETENCIES

- Problem-Solving – Designed and implemented innovative solutions in both hardware and software projects.
- Leadership – Successfully led a Level 1 hardware project team, managing tasks and ensuring timely delivery.
- Adaptability – Learned and applied new tools such as HotPocket smart contracts, XRPL, and PCB design tools.
- Communication – Effectively collaborated with teammates and mentors to achieve project goals.

REFERENCE

Dr.R.L.C.Shyama
Senior Lecturer
Department of Interdisciplinary Studies
Faculty of IT
University of Moratuwa
shyamac@uom.lk
+94707770798

Thushan D. Fernando
Software Engineer
Rootcode
thushan.fernando@rootcode.io
+94716996901