

# Kaveesha Nirmal Perera

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🔗 kaveeshanirmal.github.io/devhub   **in** in/kaveeshanirmal   **github.com** github.com/kaveeshanirmal



## Summary and Objective

Motivated Computer Science undergraduate with strong foundations in Linux system administration, DevOps practices, and full-stack development. Experienced in building secure web applications and cloud-ready backends with modern frameworks through academic projects and hands-on learning. Currently expanding expertise through a DevOps training program offered by WSO2. Seeking a challenging internship in DevOps or software engineering to apply technical skills, collaborate with experienced teams, and contribute to impactful technology solutions.

## Education

May 2023 – Present	<b>B.Sc. (Hons) in Computer Science</b> GPA: 3.74/4.0 (after 4 semesters)	University of Colombo School of Computing
2021	<b>G.C.E. Advanced Level Examination</b> Z-Score: 1.6599 Physics (A), Chemistry (A), Combined Maths (C)	Nalanda College, Colombo 10
2018	<b>G.C.E. Ordinary Level Examination</b> 9 'A' passes	Nalanda College, Colombo 10

## Professional Training

May 2025 – Present	<b>WSO2</b> Linux Systems Administration & DevOps Engineering – 6-Month Training Program (Ongoing) (Selected from 7,000+ applicants via competitive exam for a fully sponsored program offered to only 200 Sri Lankan participants) <ul style="list-style-type: none"> <li>Covers Linux administration, troubleshooting, virtualization, containerization (Docker, Kubernetes), networking, cloud-native security, log management (OpenSearch), and infrastructure automation (Terraform, Ansible)</li> </ul>
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## Projects

June 2025 – Present	<b>ClubSync</b> Club management and event coordination platform <ul style="list-style-type: none"> <li>Full-stack platform combining Next.js web app and React Native mobile app for university club administration. Features volunteer management, event organization, QR attendance scanning, and role-based authentication with TypeScript and Prisma backend</li> <li><b>Tech Stack:</b> Next.js, React Native, TypeScript, Prisma, PostgreSQL, NextAuth.js, Tailwind CSS</li> </ul>
June 2024 – April 2025	<b>AideAura</b> On-Demand Domestic Helper Platform <ul style="list-style-type: none"> <li>Full-stack web application connecting customers with verified domestic workers through intelligent matching algorithm and seamless booking system. Built with custom PHP MVC framework, multi-role authentication, real-time AJAX updates, PayHere payment integration, and OTP verification</li> <li><b>Tech Stack:</b> PHP, MySQL, JavaScript, HTML/CSS, PayHere, SMTP, Leaflet.js</li> <li>Repo: <a href="https://github.com/kaveeshanirmal/AideAura">github.com/kaveeshanirmal/AideAura</a> </li> </ul>

Aug 2024 – Oct 2024

**ZellMart**  
*Web-Based Mobile Phone Marketplace*

- E-commerce platform for mobile phones and accessories built with MERN stack. Features product listings, inventory management, JWT authentication, order tracking, and responsive design for both customers and shop owners
- **Tech Stack:** MongoDB, Express.js, React, Node.js
- Repo: [github.com/kaveeshanirmal/zellmart](https://github.com/kaveeshanirmal/zellmart)

June 2025 – Present

**DevHub**  
*Personal Blog Platform*

- Tech blog built with Hugo and automated GitHub Actions deployment. Features Disqus commenting integration and active technical content publication covering development experiences and project insights
- **Tech Stack:** Hugo, GitHub Pages, GitHub Actions, Disqus, Markdown
- Repo: [github.com/kaveeshanirmal/devhub](https://github.com/kaveeshanirmal/devhub)

**Certifications**

- Python for Everybody Specialization** – [Coursera, University of Michigan](#)
- AWS Educate Introduction to Cloud 101** – [Amazon Web Services \(AWS\)](#)
- Python for Beginners** – University of Moratuwa

**Technical Skills**

- Programming Languages:** C, C++, Python, JavaScript, TypeScript, PHP, Scala, R
- Frontend:** React, Next.js, React Native, Tailwind CSS
- Backend:** Node.js, Express.js
- Database & ORM:** MySQL, PostgreSQL, MongoDB, Prisma ORM
- DevOps & Tools:** Shell Scripting, Docker, Kubernetes, CI/CD (GitHub Actions), OpenSearch, AWS Cloud Services

**Soft Skills**

Leadership, Team Work, Decision making, Project Management, Communication

**Languages**

English, Sinhala

**Extra-Curricular Activities**

<b>Volunteering</b> CSSL GenZ Chapter of UCSC <b>Team Lead</b>   May 2025 – Present	<b>Volleyball</b> University of Colombo Freshers' Championship Nalanda College Maroons Volleyball Championship	4th place Runners up	2023 2018, 2016
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**References**

Available upon request.