



PATHUM DILHARA

Cloud | DevOps | Networking Intern

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📍 Location - Nugegoda

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You Can Find Me

- **Portfolio** – <https://my-portfolio-react>
- **GitHub** - [Pathum-Dilhara \(Pathum Dilhara\)](#)
- **Facebook** - <https://www.facebook.com>

Certifications

- Fundamentals of Red Hat Enterprise Linux
- AWS Cloud Technical Essentials
- Introduction to Microsoft Azure Cloud Services
- Introduction to Cloud Computing
- Fundamentals of Python Programming

Skills and Tools

- **Cloud & DevOps** (AWS, Azure, Kubernetes, Docker)
- **IaC** (Terraform)
- **CI/CD** (Jenkins, AWS Code Pipeline)
- **OS & CLI** (Windows, Linux, Ubuntu, Bash, Shell)
- **Programming** (Python, Java, HTML, CSS)
- **Testing & Automation** (Selenium, IntelliJ IDEA)

Preferences

Dr. M.T.M. Perera

Senior Lecturer

Faculty of Applied Science

University of Sri Jayewardenepura

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Profile

I am a passionate and driven Computer Science graduate with a solid foundation in cloud technologies, computer networking, and automation testing. I have hands-on experience with industry-standard tools such as AWS, Azure, and various CI/CD platforms. I am also confident working in command-line-based operating systems like Linux and Ubuntu, where I enjoy handling system-level tasks and configurations. With strong problem-solving abilities and a collaborative mindset, I thrive in team environments and genuinely enjoy working with others to develop effective, real-world solutions.

Education

Bachelor of Science (B.Sc.) in Physical Sciences (2022 - 2025)

University of Sri Jayewardenepura, Faculty of Applied Sciences, Sri Lanka.

- Followed computer science, Mathematics and Physics as subjects

Key Projects

Build CI/CD Pipeline with AWS CodePipeline and S3 Bucket

- This project demonstrates how to build a fully automated CI/CD pipeline using **AWS Code Pipeline**, **Code Build** and **S3 bucket** for hosting a static website. Whenever you push updates to your GitHub repository, the pipeline automatically builds and deploys the content to the S3 bucket.

Web Hosting with Load Balancing using Azure and Terraform

- This project demonstrates a basic web hosting architecture on Microsoft Azure with high availability and load balancing. The setup includes **Azure Virtual Machines**, **Azure Application Gateway**, and **Azure Traffic Manager**, running on **Linux** VMs and serving static web content built with **HTML**.

Automation Testing (QA)

- I implemented an automated testing script using Selenium WebDriver in **IntelliJ IDEA** to simulate a user purchasing a smartphone on the eBay website. The script automates the entire flow — from searching for a smartphone, applying filters, selecting a product, adding it to the cart, and proceeding to checkout. This project demonstrates how Selenium can be used for end-to-end testing of real-world e-commerce functionality in a browser environment.