

# DILSHAN SOMAWEERA

## Experience

### N-able (Pvt) Ltd | Intern – Managed Services (May - Nov 2024)

- Managed and provisioned user access and security policies using Azure Entra ID, Implemented conditional access policies and endpoint security using Intune, and Microsoft 365 Admin Center for 100+ enterprise users.
- Automated user provisioning workflows using Power Automate, reducing onboarding time by 60%.
- Returned to university to complete final-year research after internship

## Professional Qualifications

- Microsoft Certified: Azure Administrator Associate (AZ-104).
- Microsoft Certified: Azure AI Engineer Associate (AI-102).

## Technical Projects

- CI/CD pipeline with Terraform, Jenkins, Maven, and Docker across 3 AWS Free Tier EC2 instances, enabling repeatable, scalable deployments and reducing manual errors for java development.
- Deployed a WordPress hosting environment on AWS using Terraform. Set up a VPC with public/private subnets across two Availability Zones, and launched EC2 (t2.micro) for WordPress and RDS MySQL (db.t3.micro) with automated backups. Configured an ALB with health checks and Implemented least-privilege security groups to isolate traffic between EC2, RDS, and ALB. Delivered a secure, scalable, and cost-effective infrastructure with full automation.
- Deployed a containerized WordPress application on GKE using Terraform and Kubernetes, achieving a 50% faster provisioning time compared to manual setups. Built and configured a GKE cluster, MySQL with persistent storage, and WordPress pods with external load-balanced access. Secured the system using Kubernetes Secrets and Network Policies to restrict database access, delivering a production-ready, scalable solution within GCP Free Tier constraints.
- ELK Stack deployment & monitoring: Deployed ELK Stack to collect, parse, and visualize nginx logs; built Kibana dashboards for better observability and faster troubleshooting.
- RAG AI Agent: built with Python, Supabase, PydanticAI, OpenAPI, Streamlit and infloat5 embeddings for intelligent retrieval-augmented generation related to fix docker CVEs
- E-Commerce Fashion Website Backend:Built REST APIs using Node.js and MongoDB for user auth, product CRUD, and checkout flows; integrated frontend with JSON endpoints.

## Education

### University of Sri Jayewardenepura

Bachelor of Information Communication Technology (hons.)  
(GPA 3.7) (2021-2025)

### St.Thomas' Collage, Matale

2019 | G.C.E A/L Examination

- District Rank 02
- Island Rank 63
- VP, ICT Society

## Skills

Cloud Platforms: Azure, AWS, GCP, Microsoft 365, Intune  
DevOps Tools: Terraform, Jenkins, Docker, Kubernetes, ELK Stack  
Programming: Node.js, React, Python, Java, JavaScript, Bash, PowerShell  
Tools & Platforms: Git, JIRA, Freshdesk, Power Automate, Linux



## About Me

Microsoft-certified Azure Cloud Engineer with hands-on experience deploying secure, scalable cloud infrastructure using Azure, Terraform, CI/CD, and automation tools. Recently graduated and available for internship, trainee, or junior roles in Cloud Engineering or DevOps. Passionate about building resilient, cloud-native solutions.

## Contact

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[LinkedIn Profile](#)

[Github Profile](#)

## Soft Skills

- Negotiation
- Management Skills
- Creativity
- Critical Thinking
- Leadership
- Problem Solving

## References

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