NETHMI NIKESHALA

Date of Birth: 17/ 09/ 2001 | **Nationality**: Sri Lankan | **Gender**: Female
E 02, Isurupura Lane, Malabe, Sri Lanka. | 📞 +94 777523879
✉ nethminikeshala17@gmail.com | 🔗 Nethmi Nikeshala
▶ Nethmi Nikeshala | 🐙 Nethmi Nikeshala

OBJECTIVES

To secure a challenging IT-related opportunity where I can leverage my skills and experience drive efficiency, streamline software development processes, and enhance product quality. I aim to apply my expertise in automation, cloud technologies, and infrastructure management to create scalable and resilient infrastructures, implement efficient deployment pipelines, and foster cross-functional collaboration.

EDUCATION

Sri Lanka Institute of Information Technology (SLIIT)   June 2021 - June 2025
BSc (Hons) Information Technology specializing in Information Technology. | Current GPA: 3.2

Research: Proposed research for saving extra foods. It's still On-going project and it's called Food Recycling Detective System. Basically, I am using Artificial Intelligence, ML & Deep Learning and AWS cloud**.**

Sri Lanka Institute of Information Technology (SLIIT)   Sep 2021 – Present
Diploma in Artificial Intelligence

University of Wolverhampton in England.   June 2021 – Mar: 2022
Diploma in Computer System & Technology.

Wayamba University of Sri Lanka.   Feb: 2018 – Dec: 2020
Diploma in Computer Applications & IT Management.

WORKING EXPERIENCES

Wavenet Global Solution.
Associate DevOps Engineer

- Assist in the design, implementation, and maintenance of DevOps pipelines to support efficient and automated software development processes.
- Collaborate with development, testing, and operations teams to identify and implement improvements to software quality, deployment, and maintenance processes and Agile team delivers work.
- Monitor and maintain production systems, ensuring high levels of availability, reliability, and performance.
- Participate in code and documentation reviews to ensure compliance with established coding standards and best practices.
- Troubleshoot operational issues and coordinate with development and operations teams to diagnose and resolve issues in a timely manner.
- Serve as a subject matter expert for DevOps technologies, tools, and processes, providing guidance and support to team members as needed.

CDAZZDEV Software Technology.
Software Engineer Intern

- Collaborate with the development team to assist in designing, coding, and testing software applications or components.
- Participate in code reviews, providing constructive feedback and suggestions for improvements to ensure code quality and maintainability.

- Familiarity with software development processes, including version control systems and Agile methodologies.

- Support the development team in troubleshooting and debugging software issues, identifying root causes and implementing appropriate fixes.

PROJECTS

School Management System | *Java, Netbeans, CS4, Wamp server.* **|** Project_Link
This project aims to develop a comprehensive and efficient system for managing various aspects of a school using Wamp server for database creation and maintenance. The system is implemented using Java, NetBeans 8.1, Adobe Photoshop (CS4), Adobe Illustrator (CS4), Pencil Software, and runs on the Windows 7 operating system.

Modal Trador System | *HCL, PowerShell, AWS.* **|** Project_Link
This is an AWS Windows virtual machine with the Modal Trador System. To deploy windows VM without any security violations using a popular CMS, like Magento, WordPress, etc.

Job Portal System | *Kotlin, Android Studio.* **|** Project_Link
This is my university group project, under the Mobile Application Development module. I have created this mobile application using Kotlin language on Android Studio. There is a four main parts, as User Management, Post Job Vacancies, Apply for Jobs, Payment Portal.

Hello World Python Demo | *Python3, Docker.* **|** Project_Link
This is a simple hello world demo using python 3 and docker. This project is done for self-learning. This code defines a handler that responds to GET requests with the specified text and starts an HTTP server listening on port 8080. When we run the script, we can access the server at http://localhost:8080 and see the same message as the Python program.

Kubernetes Cluster using Ansible | *Kubernetes, Ansible, AWS, Yaml, Ubuntu.* **|** Project_Link
I have done the Kubernetes Cluster Setup in Public Cloud Using Ansible. This project shows to run Ansible Playbook for setting Cluster in AWS.

SKILLS

Development Tools: VS Code, MATLAB, Android Studio, H2O.ai, Eclipse, PyCharm

CI / CD Tools: Jenkins, CircleCI, GitLab CI/CD,

Version Controlling: Git, Perforce

IaC Tools: Terraform

Configuration Management Tools: Ansible, Puppet

Containerization Tools: Docker, Kubernetes

Testing Tools: JUnit, Pytest, Selenium

Operating Systems: Windows, Linux, Ubuntu, Android, Chrome OS

Programming Languages, Scripts & Others: Python, Java, JavaScript, Bash, Boomi, WSO2, Crypto, C++, Kotlin, SQL, C#, .NET

CERTIFICATIONS

Oracle Cloud Infrastructure Developer 2021 | [View Certificate](#)

Reading Architecting with Google K8 Engine

Containerized Application on AWS

AWS S3 | [View Certificate](#)

AWS Educate Getting Started with Storage | [View Certificate](#)

Oracle Cloud Infrastructure Architect Associate | [View Certificate](#)

Python Programming Certification authorized by University of Moratuwa | [View Certificate](#)

Red Hat Certified System Administrator (RHCSA) | [View Certificate](#)

Statics for HE authorized by University of Sunderland in Indo China | [View Certificate](#)

MIE Trainer and Team Leading 8 Certifications authorized by Microsoft | [View Certifications](#)

English for Media Literacy 2021 authorized by U.S. Department of State | [View Certificate](#)

HONORS AND AWARDS

A Scholarship Recipient (University of Wolverhampton, England) | 2021
- Computer Systems and Engineering

DICA Technology Examination (Wayamba University of Sri Lanka) | 2019
- 2nd place

A Scholarship Recipient (Sri Lanka Nisala Nenasala) | 2018
- Higher National Diploma for Information Technology Management

Mini Hackathon (SLIIT) | 2022
- 3rd Runner-up

Vice President of Research & Development of IntelliCon 22' AI Conference in SLIIT.

Secretary of the SLIIT Mozilla Club Campus. (2023-Present)

Committee Member of Data Science Information Management Function AIESEC in SLIIT (2022-Present)

Program Team of the Unravel 23', OC Board in IEEE of University of Kelaniya & Sri Lanka Institute of Information Technology.

Publicity Team Leader of Glamourfemme 23", Organizing Committee Board of IEEE.

REFERENCES

Dr. Anuradha Jayakody
Assistant Professor /Head Graduate Studies
Faculty of Computing | SLIIT
+94 714900228
anuradha.j@sliit.lk

Mr. Heshan Dharmasena
Lead Perform Engineer, Codification
New Castle, England
+94 776387956
heshandharmasena@gmail.com