LAYAN MOYURA
ELECTRICAL AND INFORMATION ENGINEERING UNDERGRADUATE

CONTACT

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in layanmoyura

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📍 No.65, Pushparama Rd, Pothupitiya, Wadduwa.

TECHNICAL SKILLS

- Cloud Services
  - AWS
    - IAM
    - EC2
    - S3
    - ECS
    - ECR

- Networking
  - Routing
  - Switching
  - Firewalls
  - TCP/UDP
  - IPV4 & IPV6

- Programming
  - C, C++, C#
  - Python
  - Javascript
  - HTML/CSS

- Linux

- Web Development
  - Angular
  - ASP .NET

- Databases
  - MySQL

PROFESSIONAL PROFILE

Passionate engineering undergraduate with interest in web development, cloud computing, DevOps and networking fields. Eager to contribute to a software development company and drive innovation in this rapidly evolving field. Committed to staying at the cutting edge of advancements in software engineering field to make a meaningful impact.

EDUCATION

B.Sc (Hons) in Electrical and Information Engineering
University of Ruhuna

2019 - 2024
Overall GPA: 3.60/4.00

WORK EXPERIENCE

Systems Engineer Intern
SriLankan Airlines Network and Operations Divison
April 2022 - July 2022

Skills: Server Virtualization | VMware ESXi | VMware ThinApp | Routing | Switching | Firewalls | Network Troubleshooting | PRTG monitoring

Software Engineer Intern
Soft Gallery (PVT) LTD
Oct 2023 - Present

Skills: Angular | ASP .NET Web API | ASP. NET MVC | Unit Testing | AWS | Azure DevOps

PROJECTS

Intelligent Wi-Fi and Mobile Data Combination for Enhanced Internet Speed | 2023 🔗

This final year undergraduate project serves as an exploration of intelligent techniques to combine Wi-Fi and LTE connections for improved internet speed. The utilization of a Linux environment and the Azure VM service enhances the project's scalability, enabling comprehensive experimentation and evaluation

Skills: TCP/UDP | MPTCP | VPN Bonding | Linux | Bash Scripting | C programming | Proxy | Threading | AWS EC2 | Azure VM | VMware | Progmp

Online Vegetable Distribution System Web App| 2022 🔗

The Online Vegetable Distribution System connects farmers and customers, eliminating middlemen. It maximizes farmers' profits and streamlines distribution using Angular, ASP.NET Core, SQL Server, and Azure.

Skills: Angular | .NET | C# | HTML | CSS | Javascript |Typescript | API | Azure VM | MSSQL

- Tools & IDEs
    - Visual Studio
    - VS code
    - Git / Github
    - Docker
    - Jenkins
    - Cisco Packet Tracer
    - GNS3
    - EVE - NG

INTRESTS

- Cloud Computing
- Web Development
- DevOps
- Networking

RELATED MODULES

- High Performance Computing
- Web Application Development
- GUI programming
- Data Structures and Algorithms
- Information Security
- Design and Management of Data Networks
- Advanced Data Communications
- Computer Networks

REFRENCES

Mr. Nuwan Wimalasooriya

Software Architect,

Soft Gallery (PVT) LTD,

No. 08 D, St. Xavier Rd, Ja-Ela.

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Mr. Shehan Samarasena

Senior Systems Engineer,

SriLankan Airlines,

Bandaranayke International Airport, Katunayake.

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Library Management System Web App | 2021 🔗

Library Management System with eBook management, user registration, and secure authentication. Implemented Angular for the frontend, ASP.NET MVC Web API with Code First approach for the backend, and Microsoft SQL Server for the database.

Skills: Angular | .NET | C# | HTML | CSS | Javascript |Typescript | API | Azure VM | MSSQL | JWT

Railway Ticketing System Web Page Deployment | 2023 🔗

A static HTML, CSS, and JavaScript webpage deployed using Docker and AWS ECS (Elastic Container Service) and ECR (Elastic Container Registry) services.

Skills: HTML | CSS |JavaScript | Docker | AWS ECS | AWS ECR.

Railway Ticketing System WPF App | 2021 🔗

WPF desktop application designed for railway ticketing using database as Microsoft SQL server using entity framework code-first approach.

Skills: C# | XML | MSSQL | EF | WPF.

EXTRA CURRICULAR

- **President** of The Telecommunication and Networking Circle of Electrical and Information Engineering Society (EIES)
  2023 - Present
- **Committee Member** of The Telecommunication and Networking Circle of Electrical and Information Engineering Society (EIES)
  2020 - 2021

COURSES AND CERTIFICATIONS

- AWS Cloud Quest: Cloud Practitioner by AWS 🔗
- Microsoft Azure Essentials by Great Learning 🔗
- Google Cloud Essentials by Google Cloud Skills Boost 🔗
- AWS CI/CD Pipeline Course by Great Learning 🔗
- Cloud DevOps Concepts by LinkedIn Learning 🔗
- NSE 1 Network Security Associate by Fortinet 🔗
- NSE 2 Network Security Associate by Fortinet 🔗
- NSE 3 Network Security Associate by Fortinet 🔗

DECLARATION

I hereby declare that all the above information are true and correct to the best of my knowledge.

Mr. Layan Moyura

04/04/2024