



DULARA ABHIRANDA

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PROFILE

Dynamic IT enthusiast specializing in DevOps, Cybersecurity, Networking, and cloud technologies (Azure, AWS, Google Cloud). Pursuing CCNA, with hands-on experience in automation, Docker, and system scalability.

EDUCATION

Bachelor of Information and Communication Technology specilized in Networking Jun 2022 - Present

Faculty of Technology, University of Sri Jayewardanapura

- Specialized in Networking Technology with a GPA of 3.41, focusing on networking concepts, design, and hands-on network configuration experience.

Cisco Certified Networking Academy May 2024 - Present

Sri Lanka Institute of Information Technology (SLIIT)

- Gaining knowledge in network fundamentals, security, routing, VLANs, WAN, automation, and hands-on troubleshooting real-world network scenarios.

Advanced Level Examination 2020 2018 - 2020

Ch/ Senanayake National College, Madampe

- Achieved AAB in Engineering Technology with a Z-Score of 2.44, securing 3rd place district-wide.

SKILL SUMMARY

- Cloud Platforms** - AWS, Azure, Google Cloud (GCP)
- CI/CD Pipelines** - Jenkins, GitHub Actions
- Version Control** - Git
- Containerization & Orchestration** - Docker
- Scripting & Automation** - Bash, Python, PowerShell
- Networking & Security** - Basic Linux Networking, Firewalls
- Agile & Collaboration** - Jira, Slack
- Database Management** - MySQL, MongoDB
- Programming Languages** - Python, Java

PROJECTS

Mobile Application Development CAREERPULSE

- Developed a mobile app for university students to find internships, allowing CV uploads, job preference selection, keyword analysis for CV improvement, and personalized internship recommendations via LinkedIn API integration.
- Deployed the system on the cloud for scalability and accessibility.
- Technologies Used: Flutter, Firebase, GPT APIs, Git, Azure.

Cybersecurity Simulation Tool Web Applicaion

- Simulated DDoS-like attacks to test system resource limits and defense mechanisms.
- Integrated an interactive defense challenge to halt the simulation.
- Technologies Used: JavaScript, Electron, GitHub.

E-Commerce Website Web Applicaion

- Designed an e-commerce platform for buying and selling event-related services and goods (e.g., weddings, birthdays, office parties), providing a comprehensive solution for event planning.
- Technologies Used: React, MongoDB, AngularJS, Node.js.

Resume Keyword Extract ML Model MACHINE LEARNING

- Created a machine learning model to extract and analyze keywords from resumes, identifying key skills and areas for improvement to optimize resume evaluation.
- Technologies Used: Python, Kaggle Notebook.

Smart Cafeteria Automation System ARDUINO PROJECT

- Built an IoT-enabled cafeteria automation system, incorporating real-time communication for streamlined operations.
- Technologies Used: IoT devices, Python.

CERTIFICATIONS

Cloud Computing

- Oracle Cloud Infrastructure 2024 Certified Foundations Associate – Demonstrated proficiency in OCI services across Compute, Storage, Networking, and more.
- Azure Fundamentals (SC-900) – Focused on security, compliance, and identity management in Azure.
- Microsoft 365 Copilot Learning Path – Explored AI integration within Microsoft 365.
- AWS Cloud Computing – Hands-on experience in setting up and managing Virtual Private Clouds (VPC) and generative AI applications.
- Create a Virtual Private Cloud (VPC) Using AWS (Coursera) – Deepened understanding of VPC networks, their advantages, and best practices.
- Introduction to Networking and Cloud Computing (Microsoft, Coursera) – Covered fundamental networking and cloud computing concepts.

CyberSecurity

- ISC2 Cybersecurity Certification (CC) – Covered five core domains of cybersecurity.
- Cisco Ethical Hacking – Gained foundational knowledge of ethical hacking practices.
- Introduction to Cybersecurity Tools and Cyberattacks (IBM) – Explored tools and techniques to identify and respond to cyber threats.
- Foundations of Cybersecurity (Google) – Focused on key concepts and principles of cybersecurity.

Software Engineering

- HackerRank Python (Basic) Certification – Validates foundational Python skills, including data types, loops, functions, and problem-solving.
- HackerRank Software Engineering Intern Certification – Strengthened skills in software development, problem-solving, and coding efficiency.
- Introduction to Generative AI - Art of the Possible (AWS Skill Builder) – Explored the role of generative AI in machine learning and its applications.

COMPETITIONS & ACHIEVEMENTS

- 2nd Runners-up in the SLIIT Codefest NetCom Competition, showcasing advanced network configuration skills and teamwork.
- Innovate with Ballerina Coding Challenge: Built a chat application using Ballerina, showcasing skills in real-time communication and collaborative problem-solving, organized by IEEE Student Branch of the University of Moratuwa and WSO2.
- Participated in the 10th Annual Cyber Security Summit 2024 CTF Challenge as part of Team Code Alphaz, showcasing teamwork and cybersecurity skills to tackle complex challenges.
- Finalist in the SLIIT Codefest CTF, demonstrating advanced problem-solving and cybersecurity expertise.

EXPERIENCE & VOLUNTEERING

Vice President (Event Division)

Information and Communication Technology Society

OCT 2024 - Present

- Executed a series of engaging workshops that increased student participation by 40%, specifically targeting essential ICT competencies while fostering collaboration with local tech professionals for added insights.

Assistant Surveyor

GLOBAL GIS PVT LTD. Nugegoda, Sri Lanka

APR 2022 - MAY 2023

- Gained professional organizational experience, mastering responsibility management and career-life balance. Contributed to accurate mapping and infrastructure projects through data analysis, while enhancing teamwork, communication, and deadline management skills.

Event Coordinator

Japura CryptX 1.0

DEC 2024 - FEB 2025

- Work as event coordinator in Japura CryptX 1.0 organized by ICT societ in University of Sri jayewardenepura. Ine here execute three events Hackthon, CTF and Designathon for Sri Lankan University undergraduates

Member

IEEE Student Branch, University of Sri Jayewardenepura

MAY 2023 - Present

- Actively participated in IEEE activities, promoting technological innovation and professional growth while collaborating on technical projects and knowledge-sharing initiatives.

REFERENCE

Dr.Nuwan Kuruwitaarachchi

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