



RAVIDU DILSHAN

UNDERGRADUATE | USJ

PROFILE

BICT (Hons) Undergraduate specializing in Network Technology at the University of Sri Jayewardenepura with a strong interest in DevOps, Cloud Computing, and Cybersecurity. Skilled in core networking, CI/CD pipelines, Docker, and Git. Seeking an internship opportunity to apply academic knowledge and technical skills in a professional IT environment.

PROJECTS

• Personal Portfolio Website

Built a responsive portfolio (ravidudilshan.live) using React.js, Vite, and Tailwind CSS. Implemented smooth animations with Framer Motion and a serverless contact system via EmailJS, showcasing modern frontend development skills.

• Citizen Voice - A Full-Stack Civic Tech Platform

Citizen Voice is a web-based platform we developed to help citizens easily report public issues and track their progress. The system includes dynamic multi-step forms, real-time chat, role-based dashboards, AI-assisted support, and downloadable PDF receipts, providing a complete end-to-end issue-reporting experience. I contributed to building and improving full-stack features using modern web technologies such as Next.js, PostgreSQL, Prisma, Firebase, Cloudinary, and Tailwind CSS. This project strengthened my practical skills in full-stack development, teamwork, and solving real-world civic problems through technology.

• Automated Web Deployment on AWS (CI/CD)

Designed and deployed a containerized web application using Docker and Nginx on an AWS EC2 Linux server. Engineered a fully automated CI/CD pipeline using GitHub Actions with a self-hosted runner, enabling zero-touch deployments. This setup automates the build, test, and deployment process, ensuring real-time application updates immediately after code commits.

• Secure VPN & File Sharing Infrastructure

Designed and deployed a secure Virtual Private Network (VPN) using OpenVPN on Linux to facilitate confidential data transfer between simulated international branches. Configured a secure tunnel with static key encryption and implemented a Samba file server, strictly restricting access to the VPN interface to ensure data privacy and secure remote collaboration.

REFERENCE

Upeksha Hansani,
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EDUCATION

06/2023 - Present
UNIVERSITY OF SRI JAYEWARDENEPURA
Bachelor of Information Communication Technology (Hons) (Reading) Specialized in Network Technology.
(Current GPA 2.7)

05/2019 - 02/2022
BALALLA U.B WANNINAYAKA NATIONAL SCHOOL
Advance Levels-2021(2022)
SFT- A, ET - B, ICT - B
District Rank-25
(Island 288)

01/2007 - 12/2018
N/W/P PAHALAGAMA MAHA VIDYALAYA
Ordinary Levels-2018
(A -6, B-1, C -2)

CERTIFICATES

- Multicloud Network Associate
- GitHub Copilot Fundamentals
- Learning Linux Basics Course & Labs
- Introduction to Packet Tracer
- Introduction to Programming Using Python

SKILLS

- Cloud & Deployment
- Full Stack Development
- Linux
- Version Control
- Docker
- Kubernetes
- Cisco packet Tracer

LANGUAGES

- SINHALA
- ENGLISH