



# 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](http://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,**  
Lecturer,  
University of Sri Jayewardenepura  
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**Dinusha Malshan Perera,**  
Lecturer,  
University of Sri Jayewardenepura  
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### CONTACT

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- **Dematagolla , Koonwewa, Maha.**
- **ravidudilshan.live**
- **[linkedin.com/in/ravidudilshan](https://linkedin.com/in/ravidudilshan)**

### 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