

# SANTHUSH EKANAYAKE

FULLSTACK | DEVOPS | AI | CLOUDS

## SUMMARY

Cloud computing graduate with practical experience in full-stack development, DevOps pipelines, AI-assisted applications, and AWS cloud services. Delivered 43+ projects and 11 enterprise solutions during internship, including leading client-facing systems. Experienced with Docker, CI/CD, Linux administration, networking, database design, and performance optimization. Seeking an entry-level IT, cloud, or DevOps role to build reliable and efficient systems.

## EDUCATION

Primary & Secondary Education   St. Sylvester's College, Kandy	2008 – 2019
BSc (Hons) in Cloud Computing   SLTC Research University, Padukka	2021 – 2025
<ul style="list-style-type: none"><li>Core modules: AWS Cloud, Full-Stack Web Development, Networking, Cybersecurity, Data Analysis, Software Engineering, System Administration</li><li>Completed 15+ projects using Python, Java, and web technologies</li><li>Hands-on experience with cloud deployment, Linux administration, REST APIs, and databases</li></ul>	

## EXPERIENCE

Full Stack Engineer Intern   Silicon Radon Networks (Pvt) Ltd, Kandy	2024 - 2025
<ul style="list-style-type: none"><li>Led development of MP-CHEM LMS, improving page load 25% and supporting 500+ users</li><li>Built and maintained multiple production-grade web applications using React.js, Laravel, and MySQL, reducing delivery time 15%</li><li>Automated workflows via APIs and Bash scripting, cutting manual effort 30%</li><li>Authored technical documents on cloud and system strategy, saving the team 20% research time</li><li>Deployed apps on AWS (EC2, S3, RDS, Lambda) with CI/CD via GitHub Actions</li><li>Designed and optimized databases and improved front-end performance</li><li>Coordinated tasks using Agile, Jira, and Git; integrated AI for reporting and automation</li></ul>	

## TECHNICAL SKILLS

- Cloud & DevOps:** AWS (EC2, S3, RDS, IAM, Lambda, Serverless), Docker, CI/CD (GitHub Actions), Linux Administration, Bash/PowerShell Scripting.
- Web Development:** React.js, Node.js, Express.js, Laravel (PHP), WordPress, RESTful API Development, Tailwind CSS.
- Programming:** Python, Java, JavaScript (ES6+), SQL.
- Databases:** MySQL, MongoDB, PostgreSQL, and Relational Database Design.
- AI & Data:** Generative AI Integration, LLM Prompt Engineering, RAG (Retrieval-Augmented Generation), AI Agent Development, and AI Automation.
- Systems & Networking:** IP Networking, DNS Management, Security Hardening, Cybersecurity Fundamentals.
- Design & Tools:** UI/UX Design (Figma, Canva), Agile Methodology, Git/GitHub, Jira/Project Coordination.

## PROJECTS

### Personal Portfolio Website

- Responsive site using React.js & Tailwind CSS; 95+ Lighthouse score, 40% faster mobile load
- Deployed via Docker on AWS EC2 with GitHub Actions CI/CD

### Hospital Management System – Cardiology | Research

- Blockchain-integrated system managing 1,000+ patient records, real-time appointments, and report management
- Secured patient data and digitized workflows, reducing manual errors by 70%
- Deployed on AWS for scalability and reliability

[View all projects](#)

## CERTIFICATES

- FreeCodeCamp:** Responsive Web Design, Front End Development Libraries, Data Visualization, Relational Database, Back End Development, and API
- AWS Educate:** Cloud 101, Compute, Storage, Network, Database, Security, Serverless, Cloud Operations
- University of Moratuwa:** Web Design for Beginners, Front-End Web Development.

[View all Certifications](#)