

SANTHUSH EKANAYAKE

FULLSTACK | DEVOPS | AI | CLOUDS

Gmail: santhushekanayake.official@gmail.com

Tele No: +94 75 0343513

Website: www.santhushek.it.com

LinkedIn: www.linkedin.com/in/santhushek

Address: Colombo, Sri Lanka

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

 - Core modules: AWS Cloud, Full-Stack Web Development, Networking, Cybersecurity, Data Analysis, Software Engineering, System Administration
 - Completed 15+ projects using Python, Java, and web technologies
 - Hands-on experience with cloud deployment, Linux administration, REST APIs, and databases

EXPERIENCE

- Full Stack Engineer Intern | Silicon Radon Networks (Pvt) Ltd, Kandy

2024 - 2025

 - Led development of MP-CHEM LMS, improving page load 25% and supporting 500+ users
 - Built and maintained multiple production-grade web applications using React.js, Laravel, and MySQL, reducing delivery time 15%
 - Automated workflows via APIs and Bash scripting, cutting manual effort 30%
 - Authored technical documents on cloud and system strategy, saving the team 20% research time
 - Deployed apps on AWS (EC2, S3, RDS, Lambda) with CI/CD via GitHub Actions
 - Designed and optimized databases and improved front-end performance
 - Coordinated tasks using Agile, Jira, and Git; integrated AI for reporting and automation

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](#)