

Oshada Thawalampola

📍 Kandy, LK 📞 +94 76 234 1126 @ oshadathawalampola@gmail.com 🌐 <https://www.oshada.live>

Summary

Recent graduate skilled in Full-Stack Development and DevSecOps, combining strong academic foundations with practical industry experience. Passionate about creating secure, scalable, and highperformance solutions using best practices. Equipped with excellent problem-solving, interpersonal, and communication skills, and committed to continuous learning and innovation. Seeking a challenging role to further technical expertise and professional growth.

Experience

Ovinway (Pvt) Ltd

Jan 2024 - Apr 2024

DevSecOps Intern

Colombo, Western Province, Sri Lanka

🌐 <https://ovinway.com>

Worked with AWS services including EC2, Fargate, Route 53, Lambda, Load Balancers, VPC, IAM, Security Groups, and Subnets to build secure and scalable cloud architectures. Designed and optimized CI/CD pipelines for automated deployments and efficient infrastructure management. Managed full-stack application deployments on EC2 using PM2, ensuring high availability through load balancing and monitoring with OpenSearch, Logstash, and Metricbeat. Developed automation scripts for testing and deployment processes, improving system reliability, security, and operational efficiency.

Decryptogen LLC

Apr 2024 - Jan 2025

Associate Full Stack Developer

Cheyenne, Wyoming, United States

🌐 <https://decryptogen.com>

Worked on projects using the MERN stack, focusing on both frontend and backend development. Assisted in fixing frontend bugs to improve UI/UX and resolved backend issues to enhance application performance and functionality. Contributed to the development and maintenance of scalable web applications, ensuring smooth integration between components and optimizing system efficiency.

Decryptogen LLC

Jan 2025 - Present

Software Engineer

Cheyenne, Wyoming, United States

🌐 <https://decryptogen.com>

Designing frontend architectures for React projects and backend architectures for Node.js applications, ensuring scalability and maintainability. Working on both major and minor bug fixes to enhance system stability and performance. Contributing to the development of efficient, well-structured codebases while optimizing application workflows and integrations.

Education

Sri Lanka Institute of Information Technology (SLIIT)

Feb 2021 - Nov 2024

Bsc (Hons) in Information Technology Specialized in Software Engineering

🌐 <https://www.sliit.lk>

University of Colombo

Jan 2022 - Present

Bachelor of Technology - BTech Instrumentation and Automation

🌐 <https://tech.cmb.ac.lk>

Kingswood College

Jan 2018 - Dec 2020

Engineering Technology

🌐 <https://kingswood.lk>

Publications	CodeCoach: An Interactive ProgrammingAssistance Tool Tuijin Jishu/Journal of Propulsion Technology 🔗 https://bit.ly/4ieSb51			Dec 2023
	Adaptive Learning Tool for Students with Inattentive ADHD International Conference on Advancements in Computing 🔗 https://bit.ly/4icEHGR			Dec 2024
Skills	Microsoft Azure	Amazon Web Services	Docker	
	Kubernetes	Jenkins	CI/CD Pipelines	
	Version Control	Scripting & Automation	JavaScript	
	React	React Native	Node	
Projects	BrainStation - Personalized ADHD Identifier 🔗 https://github.com/it21052392/Brainstation BrainStation is an adaptive learning system enhancing educational outcomes for students with inattentive ADHD. It integrates machine learning models via FastAPI, employs CI/CD pipelines (Jenkins, GitHub Actions) for deployment on GCP, implements security testing (SonarCloud, ZAP), and includes web, admin, backend development, and unit testing. React, Node, Python, CNN, CI/CD, Jenkins, GCP			
	AutoCare Xpress - Car servicing app 🔗 https://github.com/it21052392/AutoCare-Xpress AutoCare-Xpress is a mobile solution that streamlines car servicing appointments by offering flexible scheduling and real-time updates. React Native, Firebase, Expo			
	Lanka Herbals E-Commerce Platform 🔗 https://github.com/it21052392/Lanka-Herbals An E-Commerce platform developed using microservice architecture where individual sellers can sell their products to buyers via a online platform. React, Node, MongoDB, Docker			
Certifications	AWS Certified Cloud Practitioner Amazon Web Services (AWS)		AWS Cloud Practitioner Essentials Amazon Web Services (AWS)	
	AWS Well-Architected Foundations Amazon Web Services (AWS)		AWS Technical Essentials Completion Certificate Amazon Web Services (AWS)	
	AWS Partner: Accreditation (Technical) Certification Amazon Web Services (AWS)		Partner : Well-Architected Best Practices(Technical) Amazon Web Services (AWS)	
Awards	Best All-Rounder of the year 2020 Kingswood College,kandy		Colors Award for Chess year 2020 Kingswood College,kandy	
References	Mr. Samitha Vidhanaarachchi Assistant Lecturer Department of Computer Science & Software Engineering Sri Lanka Institute of Information Technology (SLIIT) samitha.v@slit.lk +94 77 635 5192		Mr. Hasitha Gunesekara Director -ARQS CONSULTANT(PVT)LTD 765/21, Habanhenawatta,Walgama,Athurugiriya hasithaguna@gmail.com +94 77 362 1748	