



MOHAMED HUSNI

DevOps Intern

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Portfolio

<https://husnishafeer.netlify.app/>

GitHub

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About Me

Aspiring DevOps Engineer with a strong passion for automation, cloud infrastructure, and CI/CD pipelines. Currently learning and practicing Linux, Docker, Puppet, Ansible, Selenium, Jenkins, Kubernetes, and Nagios to build scalable and efficient development workflows. Additionally, I have worked on an AI-based advertisement-generating web application, where I fine-tuned a Stable Diffusion model and integrated it into a React-based web app. I am also eager to expand my knowledge in cloud platforms like AWS, Azure, and Google Cloud to enhance deployment and scalability. Seeking a DevOps internship to apply my skills, gain hands-on experience, and contribute to a dynamic team.

Skills

- **Programming Languages:** Java, JavaScript, HTML, PHP, Python and shell programing.
- **Frameworks & Libraries:** PyTorch, Vue, React, Tailwind CSS, Fabric.js
- **VERSION CONTROL:** GIT, GITHUB
- **Database:** MongoDB, Completed **Mode SQL** from basic to advance.
- **Cloud:** Amazon Web Services
- **Complete understanding in Docker, Jenkins, selenium, Ansible, puppet, Terraform, Kubernetes and Linux (Ubuntu)**
- **currently studying Nagios**
- **Problem Solving:** Strong analytical skills and ability to debug complex issues

languages

English (Fluent)

Sinhala (Fluent)

Tamil (Fluent)

Education

BSc (Hons) Computer Science at APIIT 2025

Pearson Btech Higher National Diploma in computing specialized in Software engineering at APIIT 2021 - 2024

Projects

AWS CI/CD Pipeline for Java Web Application Deployment

Designed and implemented a CI/CD pipeline on AWS for a Java Maven web application. Used GitHub for version control, CodeArtifact for package management, and automated builds with CodeBuild. Provisioned infrastructure using CloudFormation, deployed with CodeDeploy on EC2 (Ubuntu), and streamlined the workflow with CodePipeline.

Power BI Dashboard – Global Bicycle Spare Parts Distribution

Created interactive dashboards using Power BI to visualize and analyze sales and distribution data for a large-scale bicycle spare parts distributor. Transformed raw datasets into meaningful KPIs and reports to support data-driven decision-making.

MongoDB application

Designed and implemented a MongoDB database to manage data for Lanka Milk Foods (Pvt) Ltd. Built a full-stack web application using Node.js and React to perform CRUD operations on employee, product, and distribution data.

SmartAdMaker – AI-based Advertisement Generator

Fine-tuned a Stable Diffusion model using the LoRA technique to generate custom advertisement posters based on user prompts. Developed a modern web application using React and Tailwind CSS for prompt input, poster display, and poster editing features.

Alfie pet shop

Initially developed a pet shop web app using Vue.js, Tailwind CSS, and Axios for API integration. Later adapted to client requirements by building a full-featured e-commerce website using WordPress, including shopping cart, product pages, and user login.

Reference

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