

Ishan Senanayaka

DevOps Engineer

+94 76 637 7163

is.senanayaka.m@gmail.com

linkedin.com/in/mishan20

github.com/Mishan20

credly.com/users/ishan-senanayaka

PROFESSIONAL SUMMARY

Results-driven DevOps Engineer transitioning from a one-year background in full-stack development. Skilled in building and maintaining applications using React.js, Laravel, and MySQL. Now I leverage a strong understanding of SDLC and hands-on project experience with Docker, Linux, Azure, and CI/CD pipelines to optimize development workflows, enhance system scalability, and ensure infrastructure reliability.

TECHNICAL EXPERTISE

- **DevOps & Cloud:**
Linux, Microsoft Azure, AWS, Docker, Kubernetes, Ansible, CI/CD, Terraform, Networking
- **Programming and Scripting:**
JavaScript, TypeScript, PHP, Java, Python, Bash
- **Frameworks and Libraries:**
React.js, Node.js, Express, Laravel, Spring Boot, Next.js
- **Frontend:**
HTML, CSS, SCSS, Redux, REST APIs
- **Databases:**
MySQL, MongoDB
- **Tools:**
Git, GitHub, Bitbucket, Agile (MVC, Microservices), Figma, ClickUp, Postman

EXPERIENCE

- **Intern Software Engineer | HotCat Technologies (Pvt) Ltd (Feb 2024 – Aug 2024)**
 - Developed and maintained core frontend components for a high-volume data management system using React.js and Redux.
 - Integrated multiple large-scale third-party APIs using Axios, managing asynchronous data flow and state.
- **Intern Software Engineer | NetIT Technology (Pvt) Ltd (Aug 2024 – Feb 2025)**
 - Engineered full-stack web applications using Laravel for backend operations and React.js for interactive frontends.
 - Designed and implemented RESTful APIs to support client-side data requirements.
 - Managed complete database operations in MySQL and implemented secure user authentication systems.

EDUCATION

- **Bachelor of Science (Hons) in Computing (Second Class Upper Division)** - Feb 2024
University of Wrexham Glyndwr - United Kingdom
- **National Diploma in Technology (IT)** 2021 – 2024
Institute of Technology, University of Moratuwa (ITUM)
- **GCE Advanced Level – Physical Science** 2017- 2019
N / Poramadulla Central Collage

PROJECTS

- **AI-Powered Dermatology Diagnostic Tool (Final Year Project)**
 - Built an AI-powered diagnostic tool (Mobile) to identify skin diseases from images.
 - Developed a central API to connect the Flutter/React frontend to the Python/TensorFlow ML model.
 - Implemented secure patient data management and a discussion forum for medical professionals
 - **Tech:** Python, TensorFlow, Keras, Flutter, NodeJs, MongoDB
- **E-Commerce Site**
 - Developed a multi-role e-commerce platform (Admin, Seller, Buyer).
 - Integrated Google/Facebook social login and a secure payment gateway using Stripe.
 - Enabled separate modules for admin-level user/product management and seller-level inventory control.
 - **Tech:** Laravel, Blade, Tailwind CSS, HTML
- **Bus-Reservation-System**
 - Developed a comprehensive mobile bus booking application using Flutter.
 - Implemented user-friendly seat selection, bus route management, and a streamlined booking experience.
 - **Tech:** Flutter, Spring Boot, MySQL
- **DevOps Infrastructure And Automation Lab (Personal Projects)**
 - Built and configured automated CI/CD pipelines using Jenkins for building and testing applications.
 - Containerized full-stack applications using Docker for consistent development and deployment.
 - **Tech:** Docker, Jenkins, Terraform, CI/CD, Linux, GitHub

CERTIFICATIONS

- Certified in Oracle Cloud Infrastructure Foundations and actively pursuing AWS Academy Cloud Foundations, with additional learning in AWS Cloud Practitioner Essentials. Completed foundational training in DevOps, Docker, and Cloud Architecture, along with CISCO courses in Linux Essentials and Python.