# KALHARA BATANGALA

**Software Engineer | DevOps Enthusiast | Building Digital Solutions**

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📍 Marawaththa, Pindeniya, Atale   in Kalhara Batangala
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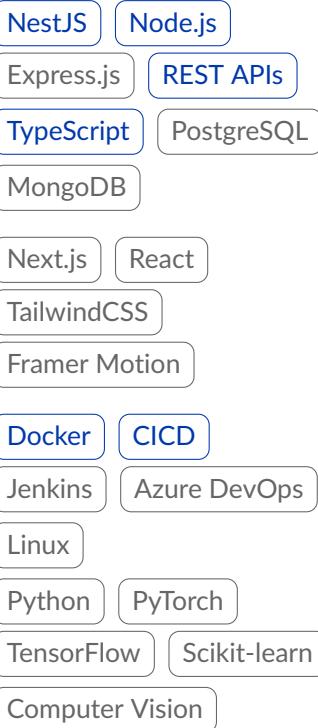
## TECH STACK

NestJS   Node.js
Express.js   REST APIs
TypeScript   PostgreSQL
MongoDB

Next.js   React
TailwindCSS
Framer Motion

Docker   CICD
Jenkins   Azure DevOps
Linux
Python   PyTorch
TensorFlow   Scikit-learn
Computer Vision

## CORE SKILLS

- Problem Solving
- Time Management
- Teamwork
- Adaptability
- Attention to details

## LANGUAGES

**Sinhala:** Native

**English:** Fluent

## INTERESTS

- Web Development
- Software Development
- AI/ML Engineering
- Mobile App Development
- System Administration

## ABOUT ME

*Computer Engineering graduate with hands-on experience in software development, DevOps, and cloud-based systems. Experienced in designing RESTful APIs, CI/CD pipelines, and deploying scalable applications on cloud infrastructure with a strong foundation in data structures and system design.*

## EXPERIENCE

### DevOps Engineering Intern | Sri Lanka Telecom PLC

📅 June 2024 – Dec 2024   📍 Colombo

- 6 months of experience in DevOps and System Administration, collaborating with the frontend team to support the development of the SLT Portal and Internship Management System using React.
- Implemented CI/CD pipelines using Jenkins and Azure DevOps, automating deployments for web applications and reducing deployment time by 30%.
- Developed a web application using nextjs along with TailwindCSS for an internal demo app.

## EDUCATION

### BSc. Eng(Hons)-Computer Engineering (Second Class Upper Division) | University of Sri Jayewardenepura

📅 03 2021 – 07 2025   📍 Sri Jayewardenepura

- GPA: 3.31/4.00

### GCE Advanced Level & GCE Ordinary Level | Kegalu Vidyalaya

📅 2005 – 2019   📍 Kegalle

## PROJECTS

### NeuroSight - Brain tumor classification using Deep Learning | ○ | 🌐

📅 Mar 2025 – Oct 2023

VGG16-based deep learning model for brain tumor classification using 2D MRI scans, designed for accurate and efficient diagnosis.

### Real-Time Chat Application | ○ | 🌐

📅 Aug 2025

Web-based chat platform built with Flask and Socket.IO, using a FastAPI backend and Firebase for message storage.

## REFERENCES

**Dr. Udaya Wijenayake**
*Head of the Department,*
*Department of Computer Engineering,*
*University of Sri Jayewardenepura*
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**Eng Pamuda Balasooriya**
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## Clothify – E-commerce Web Application | |

📅 Jan 2026

Full-stack e-commerce web application built using the MERN stack for online clothing shopping.
**Tech Stack: MongoDB, React, Expressjs, Nodejs, JWT**

## Dog Classification Model | |

📅 Mar 2025

Built a TensorFlow model using VGG16 to classify dog breeds from images, applying transfer learning and data augmentation to achieve high accuracy with reduced training time.

**Tech Stack: Pytorch, python, Flask, React**

## Royal Coffee | Web Application for a coffee shop | |

📅 July 2025

Web application for a coffee shop, built with Next.js, TailwindCSS, and TypeScript, featuring a modern UI and responsive design for seamless user experience across devices.

**Tech Stack: Next.js, Cloud Firestore**

## ScoreMe | Total Sports Scoring Solution | |

📅 Nov 2024 - July 2025

Total sports scoring solution consisting of a mobile app (Flutter) for score updates and a web app (React, Firebase) for live score display, enabling real-time tracking of domestic matches.

**Tech Stack: Flutter, Firebase, Cloud Firestore, React, Tailwindcss**

## Space-Sync | AR based interior design app | |

📅 July 2023 - Nov 2023

AR-based interior design application built with Unity and Google Cloud Platform, enabling users to visualize and customize room layouts in real-time.

**Tech Stack: Unity, GCP, AR Foundation**

## Tea Picker | Mobile Application for recording Tea weights | |

📅 Oct 2025

Developed a mobile application to efficiently record and manage daily tea-picking data for household use.

**Tech Stack: Flutter, Firebase, Cloud Firestore, Sqflite**

## CERTIFICATIONS

**Machine Learning**
Deeplearning.ai (May 2024)

**Postman API Beginner**
Postman Academy (2025)

**Jenkins Level - 1**
Kodekloud (2025)

**AWS Introduction to Cloud**
AWS Educate (2025)

**Convolutional Neural Networks**
Deeplearning.ai (2024)