KALHARA BATANGALA

Software Engineer

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📍 Marawaththa, Pindeniya, Atale   🔗 Kalhara Batangala

🐙 KalharaBatangala   🌐 Kalhara Batangala/Profile

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TECH STACK

pytorch tensorflow

numpy matplotlib

Matlab keras

Scikit-learn

Nextjs Mongodb

React TailwindCSS

Nodejs ExpressJS

Opencv

TypeScript Webpack

Django MySQL

FastAPI Docker

Flutter

CORE SKILLS

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

LANGUAGES

Sinhala: Native

English: Fluent

INTERESTS

- Web Development
- Software Development
- AI/ML
- Data Science
- Mobile App Development

ABOUT ME

Computer Engineering graduate with hands-on experience in software development and DevOps practices. Experienced in implementing CI/CD pipelines and cloud-based deployments using Azure DevOps and Jenkins, with a strong foundation in object-oriented programming, data structures, and algorithms.

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

EXPERIENCE

Software & DevOps Engineering Intern | Sri Lanka Telecom PLC

📅 June 2024 – Dec 2024   📍 Colombo

- Collaborated with frontend team to implement the frontend of 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.

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. Enables real-time, low-latency communication with support for concurrent users.

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

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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)

Introduction to Deep Learning for computer vision
Deeplearning.ai (2024)

Neural Networks and Deep Learning
Deeplearning.ai (2024)

Deep Learning for Object Detection
Deeplearning.ai (2024)

Convolutional Neural Networks
Deeplearning.ai (2024)