



A.E. Pasindu Jayasekara

DevOps Engineer (SE)
Intern

Email: pramudithapasindu48@gmail.com

LinkedIn: www.linkedin.com/in/pasindujs

Portfolio: <https://pasindupramudithaj.github.io/portfolio/portfolio-page1.html>

GitHub: <https://github.com/PasinduPramudithaJ/>

Mobile: +94781324128

Address: 127/16, Biyagama Road, Kelaniya

Core Skills

OS (Ubuntu, Windows Server)

Bash/Shell Scripting, PowerShell, Python

Docker, Kubernetes

CI/CD & Automation with Jenkins, GitHub Actions

Git, Bitbucket

Agile Methodologies Scrum and Jira

Soft Skills

Problem-solving & Troubleshooting

Teamwork & Collaboration

Ability to learn on the go

Strong communication skills

Multi-tasking and Innovation

Education

University of Kelaniya

(08/2022 - Present)

Bachelor of Science (Honors) Computer Science
(GPA 3.91)

Nanikta International Education

Diploma in Computer Studies (Distinction)

Languages

English, Sinhala

Certificates

Introduction to Python (Open learning platform - UOM)

Achievements

Dean's list (01/2024)

Profile

Motivated CS student with a solid foundation in data structures, algorithms, and OOP, along with practical web development experience. Skilled in JavaScript and familiar with Full Stack, problem-solving, teamwork, communication and attention on detail with skill improvements and best practices.

Volunteer Experience

Member Statistics and Computer Science Student Association

Member of Mathematics Student's Association

AWS Cloud Club – UOK

Chess Club

Projects

[Hospital Management System](#)

Hospital Management system - web application for streamline hospital operations with ReactJS, Spring Boot, Hibernate, MySQL, and Maven. Implemented an API architecture for efficiency and user-friendliness.

Full Stack Web App with ReactJS, Spring Boot and MySQL

[Bk-Ticketing Ticket Reservation System](#)

Collaborative university group project with ReactJS, Spring Boot, MongoDB and version control system (GIT) by adding stripe payment and Java Mailer for free mailing and Payment services.

Group Project - ReactJS, Spring Boot, MongoDB

- Android App with Android studio
- Desktop App with Electron
- Deployed on Netlify and Railway

[AI-chatbot for Hospital Environment](#)

AI chatbot developed by following small trained NN for hospital related training dataset with Python, JSON, NumPy, Pickle, Tkinter, Keras, TensorFlow, TextToSpeech and SpeechToText with google voice to support hospital patients.

[Netflix Clone for Enterprise Application](#)

Development Group Project that developed Netflix clone application with ReactJS, Spring Boot, MySQL, hibernates by following API architecture that supports stripe payment and developed for both user and admin operations.

Group work with ReactJS, Spring Boot, MySQL.

[AI algorithm for Plant disease detection](#)

Pattern recognition system with Recurrent-based Convolutional Neural Network (RCNN) to detect and classify plant diseases from leaf images. The system identifies affected regions and categorizes diseases with high accuracy, enabling early intervention and improved crop health with PyTorch, Transforms, ResNet and Google Colab.

[Voice command calculator](#)

Voice recognition system with python, PyTorch, Flask API that facilitate users to do mathematical calculations without touching keyboard just only with voice commands.

Interests

Exploring New Technologies and Innovations,

Collaborative and Competitive Working Environment

Reference

Dr. Thosini Kumarika (thosini@kln.ac.lk)

Senior Lecturer – Computer Science

Dr. Chinthanie Weerakoon (chinthanie@kln.ac.lk)

Head of Academics – Computer Science