PRASAD LAKSHAN
SOFTWARE ENGINEER

ABOUT ME

Tech enthusiast, passionate about exploring new opportunities to learn and help. Constantly on the lookout for innovative solutions that make a difference!. Ready to take on the world of tech and make an impact.

CONTACT ME

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- https://github.com/Prasadkpd
- https://prasadlakshan.me
- https://prasadlakshan.medium.com/
- https://writergate.com/@prasad
- https://creadly.com/prasad-lakshan

NON TECHNICAL SKILLS

- Communication
- Problem-solving
- Time management
- Collaboration

LANGUAGES

English - Full professional proficiency

Sinhala - Native or bilingual proficiency

COMMUNITY ENGAGEMENT

AWS Community Builder

I am contributing to the AWS ecosystem through knowledge sharing and community events.

EDUCATION

UNIVERSITY OF COLOMBO SCHOOL OF COMPUTING
Bachelor of Science (B.Sc.) Degree in Computer Science
Completed B.Sc. Degree in Computer Science in Second Class upper division with an overall GPA of 3.48.

ST. ALOYSIUS COLLEGE, GALLE:
G.C.E. Advanced Level - Physical Science Stream (2018)
Results: Combined Mathematics -A, Chemistry - A, Physics - C

WORK EXPERIENCE

SOFTWARE ENGINEER   **May 2023 - Present**
DirectFn Technologies, Malabe, Colombo, Sri-Lanka

- Played a J2EE Developer role in advancing the Order Management System (OMS) for Kuwait Team, contributing to both the legacy GBL platform and the modern NTP (New Trading Platform).
- Rapidly fixed major production issues by identifying, troubleshooting, and implementing efficient solutions, maintaining uninterrupted trade operations.
- Proactively resolved problems and issues, improving platform stability and dependability while paying close attention to detail.

TECHNICAL WRITER   **Feb 2023 - Present**
Enlear Academy - Part Time

- I am developing a deep understanding of various technical domains and effectively communicating complex technical concepts to diverse audiences through articles for Enlear, Syncfusion

SOFTWARE ENGINEER INTERN   **Nov 2022 - Apr 2023**
Cloud Eight Technologies, Melbourne CBD,Melbourne, Australia

- Collaborated with a team to develop and implement new features and testing for the Cooltrax and Karstation systems, CDF Charity, Grove Health
- Supported the Cooltrax and Karstation, CDF Charity engineering processes by engineering applications using modern cutting-edge technologies such as React, TypeScript, Material, Bulma CSS, SonarQube, Docker, AWS

TECHNICAL SKILLS

Programming Languages

- Java
- TypeScript
- C++
- Python
- JavaScript
- PHP
- C

Frontend Development

- ReactJS
- HTML
- CSS
- Bootstrap
- SASS
- AntDesign
- Material

Backend Development

- NodeJS
- Express
- PHP
- Spring-boot

Database

- MySQL
- MongoDB
- Firebase
- Oracle

Cloud

- AWS
- Azure
- Heroku

Mobile & Other Tools

- Flutter
- Git
- Postman
- Terraform
- Jira
- BitBucket
- Linux
- Docker

AWARDS & ACHIVEMENTS

- Semi-finalist, **National ICT Awards - NBQSA 2022** (Tertiary level Business category) with Learnx project
- Finalist team at **SLIIT Designthon** 2022 (out of 135 teams)
- Finalist Team - **FreshHack 1.0** organised by UCSC ISACA Student Group

ACTIVITIES/ INTERESTS

Societies :

- Member of IEEE Computer Society UCSC
- Member of LEO Club, University of Colombo

Interests :

- Reading Books
- Playing Guitar
- Traveling
- Teaching

Sports :

- Football

Volunteering :

- 'Ganithayata Athwelak' Math and Science Seminar for O/L Students, Dutuwewa Maha Vidyala, Anuradhapura, April 2022
- 'Ganithayata Athahitha', a community project aimed at teaching mathematics to students in 3 rural schools of Badulla district, Sri Lanka, May-2022

REFEREES

Dr H.K.T.C. Halloluwa
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University of Colombo School of Computing
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Lecturer
National Institute of Business Management
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PROJECTS

LEARNX : THIRD YEAR SOFTWARE PROJECT

Convenient online education platform with a video conferencing tool that allows teachers to keep track of student activity during live classroom sessions with monitoring students using app. And enable Institutes to recruit teachers to conduct online courses and improve their online presence. And engaging parents with their children's educations.

Link : https://sweet-cannoli-38633d.netlify.app/
Source : https://github.com/TeachMe-Project

Technical Stack: ReactJs, Bootstrap, NodeJs, MySQL, Prisma, Express, Azure, Docker, Twillio, ElectronJS

SPORTIZZA : SECOND YEAR SOFTWARE PROJECT

A web-based solution for booking and managing sports arenas. Customers can search a sports arenas, reserve a time slot, and pay. Booking, facilities and time slots can be all managed by sports arenas.

Demo : https://youtu.be/ROMiSsNajOQ
Source : https://github.com/Prasadkpd/Group_Project-_1

Technical Stack: HTML, CSS, JavaScript, PHP, MySQL, AJAX, Jquery

ORGA : USING MICRO-SERVICE ARCHITECTURE

E-commerce store web application developed with using a micro-service architecture. The main services are Item, Delivery, Payment, Payment Gateway and Mobile Api. The app's basic functions include adding fruit and vegetables to the store, checking out and paying via payment gateway or mobile phone.

Demo : https://youtu.be/ilG5HHaK9qY
Source : https://github.com/ECommerceStoreSpring

Technical Stack: SpringBoot, MongoDB, ReactJs, Bootstrap, Java, TextItBiz, Stripe Sandbox

LIBRARY MANAGEMENT SYSTEM

Application to manage books and authors' details. I have followed agile practices, branching workflow, and functional components with ES6 while developing.

Demo : https://youtu.be/LMWwMTykdjc
Source : https://github.com/Prasadkpd/Library_App

Technical Stack: React TypeScript, Bootstrap, SASS

DEVHUB : MOBILE APPLICATION MINI PROJECT

Social media applications for the developer community to share the issues and problems they have faced and find a solution to them.

Source : https://github.com/Prasadkpd/devHub

Technical Stack: Flutter, Dart, Firebase FireStore & Authentication

CERTIFICATIONS

Become a Java Programmer - Offered by Linked Learning

Introduction to Scrum Master - Offered by LearnQuest through Coursera.Org

Getting Started with Docker - Offered SkillUp by SimpleLearn

Postman Student Expert Badge - From Postman Student program

AWS Cloud Technical Essentials - Offered by Amazon web services through Coursera.Org