Lakith Randula

Full Stack Developer | AI/Data Science Enthusiast

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PROFILE

A motivated and responsible Computer Science undergraduate with **2+ years of experience** in **full-stack development** and a passion for **data science**. Seeking an **internship** to apply my expertise in **Frontend, Backend** development. Proven ability to develop scalable applications, contribute to **AI-powered solutions**, and collaborate effectively on **client projects** with **multiple achievements** in tech competitions.

EDUCATION

BSc (Hons) in Computer Science | Undergraduate - 3rd Year   2022 – present
University of Kelaniya
- Following Data Science Specialization | Current GPA : 3.67

G.C.E A/L Examination   2017 – 2020
St. Aloysius' College, Galle
- Physical Science Stream | 1A and 2B | Z-Score: 1.5503

PROFESSIONAL EXPERIENCE

Part Time Web Developer   2023 – present
Sonulo (PVT) Ltd

Part Time WordPress Developer   2021 – 2023
WebdevKing Team
- **Lanka Easy News (Client Project) :** Developed 100% responsive daily news publishing website, developed using WordPress.
- **Portfolio Site (Client Project) :** Built a 100% responsive portfolio website of a software engineer, developed using WordPress.

PROJECTS

SappierLanka Tours (Client Project) 🔗
- Developed 100% responsive local tourism website for "SappierLanka Tours" travel agency, icluding tour packages. Used React and Tailwind CSS.

ViewMO (Research Platform) 🔗
- Built an AI-powered research platform integrating **4+ AI tools** (*ChatBot, MCQ-Bot, Research Pal, AI Visualizer*) using ***Next.js, LangChain, FastAPI,*** and ***Redis***, improving research efficiency.

Mental Health Chat Bot 🔗
- Engineered an AI powered knowledge based mental health **consultant** with **real-time therapist mapping**, achieving a **70% response accuracy**, using *Next.js, LLM, FastAPI, and Vector DB*.

Quiz Cast (Quiz Competition Platform) 🔗
- Designed a **100% real-time quiz casting platform** supporting **concurrent users**, allowing seamless quiz creation, hosting, casting live sessions and participation.

Parking Management System 🔗
- Implemented a **parking slot assignment** system with visualizing the **real-time changes on the map**, reducing **manual allocation time by 60%**, using *.NET, Guna UI, and MySQL*.

E-Commerce Platform (Shoppers) 🔗
- Developed a scalable **e-commerce platform** with a **Stripe payment gateway**, including 15+ products handling **transactions**, using *TypeScript, Sanity, Tailwind CSS, and Firebase*.

REST API Deployment - CI/CD Pipeline & AWS EC2 🔗
- Designed a **scalable REST API** with **99.9% uptime**, integrating *CRUD operations* for user management, deployed via ***GitHub Actions, CI/CD Pipeline***, *and **AWS EC2.***

SKILLS

Languages: Java, Python, Javascript, Typescript, C, HTML, CSS, C#

Frontend: React JS, Next JS, Vue Js, vite, jquery, Tailwind CSS, Bootstrap, WordPress

Backend: Node JS, Express JS, Springboot, Fast API, .net, Laravel, django

Databases: PL/SQL, MySQL, Firebase, PostgreSQL, MongoDB, Redis, Supabase

Tools: Figma, Github, Postman, VS Code, Visual Studio, intelij, PyCharm, Anaconda, Colab, Jupyter Notebook, AWS, Vercel, Docker

Soft Skills: Management Skills, Graphic Designing, Creativity, Communication, Team Work, Critical Thinking, Problem Solving, Leadership

CERTIFICATIONS

Cousera 🔗
- Getting Started with Git and GitHub
- AWS Cloud Technical Essentials
- Migrating to the AWS Cloud
- Architecting Solutions on AWS
- Developing Back-End Apps with Node.js and Express

Full Stack Developer - UoM 🔗
- Front - End Web Development
- Web Development For Beginners

IBM Developer Skills Network 🔗
- Data Analysis with Python
- Machine Learning with Python

edX 🔗
- Deep Learning with Keras
- Deep Learning with Tensorflow
- AI for Everyone: Master the Basics

ACHIEVEMENTS

IntelliHack NextGen 2024 | IEEE CS Chapter of UCSC - Champions (1st Place)
Member of Team Vertex

IEEEXtreme 18.0 - Rank (University: 1st / Sri Lanka: 13th / Global: 255
Member of Team Vertex

GENESIZ '24 - ERIC of KDU : First Runners Up (2nd Place)
Member of Team Vertex

Junior Hack 2023 - University of Kelaniya - First Runners Up (2nd Place)
Member of Team Vertex

TechX AI Ideathon 2023 - IEEE CS Chapter - Finalist (Final 10)
Member of Team Vertex

Inovation Nation Sri Lanka 2022 - IEEE CS Chapter - Finalist (Final 10)
Member of Codz1.0

LANGUAGES

- English
- Sinhala (Native)

INTERESTS

- Full Stack Development
- UI/UX Design
- Data Science
- Artificial Intelligence
- Machine Learning

PERSONALITIES

Webmaster - IEEE Student Branch — 2024 – present
CS Chapter - University of Kelaniya

Volunteers of the Month - November — 11/2024
IEEE Student Branch

Member of IEEE Student Branch — 2023 – present
CS Chapter - University of Kelaniya

Member of FOSS Community — 2023 – 2024
CS Chapter - University of Kelaniya

Member of Computer Science Students' Association — 2022 – present
University of Kelaniya