

Ranasinghage Manupriya Lakruwan

Software developer

Personal profile

I am an open-minded individual who has a clear, logical mind with a practical approach to problem-solving and a drive to see things through to completion. I enjoy overcoming challenges, and I have a genuine interest in Engineering and IT. I'm eager to be challenged in order to grow and improve my skills in a profession related to Cloud systems.

Get in touch!

Mobile:

+94717881195

Email:

lakathekolla@gmail.com

Address:

143/A, ThanayamPlace

Ingiriya12440

Web:

<http://lakru.one>

Academic History

University of Colombo

Colombo, Sri Lanka

Bachelor of Science (B.Sc) in Electronic and Information Technology (Feb 2018)

IESL College Of Engineering

Colombo, Sri Lanka

Graduate Diploma in Electronic and Telecommunication Engineering (Mar 2022)

Nalanda College

Colombo, Sri Lanka

Specializations

- PHP (6+ years)
- Laravel (4 years)
- CodeIgniter (1 year)
- Vue (3+ years)
- Bootstrap, HTML, CSS, jQuery, JavaScript (6+ years)
- React, React native, Three.js, Inertia.js, WebGL library
- Blender, SolidWorks
- Cross-platform applications (Ionic, AngularJS)
- XML (SOAP) and REST APIs
- Python, Java, C, MySQL, SQL
- Modular Programming
- Git and JIRA management
- Cloud platforms (AWS-S3, Google API only, Azure-Graph only)
- Embedded protocols (I2C, SPI, USB, NMEA, RFID, etc.)
- PIC with MPLAB
- AVR with WinAVR and Arduino, PIC Support
- Hierarchical schematic designing
- Low power system designing
- Standard PCB designing (Proteus, OrCAD and Eagle)
- Linux OS, Windows, MacOS(current)

Work Experience

Web Developer and Information Engineer-

Artificial intelligence Finance limited, 619 North Circular Road, Dublin, Ireland.

TP: +15127177426/ +35312118887

Jan 2021 - July 2023

- I utilized my skills in PHP, Laravel, Vue.js, and MySQL to enhance and maintain the company's online Application platform.
- Full stack web development
- Handling Management information system
- Bug Fixing, Client success, improvements and document management
- Customer wizard floor development
- security and system performance developments

Assistant Software Engineer-

E Gravity Solutions (Pvt) Ltd. Pannipitiya, Sri Lanka.

Jan 2020 - Dec 2020

- Participate in the design, development, and implementation of software applications. I collaborated with a diverse team of engineers and developers, contributing to several significant projects.
- Full stack web development
- Work Management System
- Codeigniter, Laravel and VueJS developments

System Developer and Research Engineer-

EPIT Global (Pvt) Ltd. Ingiriya, Sri Lanka.

Jan 2018 - Dec 2019

- My work included developing and maintaining software applications, as well as researching new technologies to improve system efficiencies.
- Full stack web development
- Mobile app Development (Cross)
- Bug fixing and Optimizations
- Dirs21 Intergration

Research and Development Trainee-

E Gravity Solutions (Pvt) Ltd. Pannipitiya, Sri Lanka. May 2017 - Dec 2017

- I started my professional journey . This role provided me with a robust foundation in software development, where I learned to apply theoretical knowledge to practical problems.
- Research Trainee
- Module simulations (3D and 2D)
- Prototyping (Hardware and Software)
- SMD Soldering and PCB Assembling

Projects

Cloud-Based System

- OnlineApplication.io - Mortgage system (Laravel + Vue + Blade)
- Food Delivery Application (Ionic + Laravel)
- Dirs21 Channel Manager API Handling (Laravel + SOAP)
- Facebook API and Google API-based mobile application
- FireBase integrated chat app (Laravel)
- Web Scraping bot (Python)
- WebGL-based Automation Engine (Laravel + ThreeJS)
- E-commerce web store (CodeIgniter + Vue)

Sensor and Module Prototypes

- GPS Tracker Improvement
- Capacitive Fuel Level Sensor
- RFID NRF Library Development
- SSD LCD Display Libraries
- GPS-based Decoder Filter Libraries
- Dam Automation 3D Prototyping (SolidWorks)
- Power System Surge Arrest Improvement
- Soil Moisture Sensor

Non-Related Referees

Ruadhán O'Donoghue

CTO at OnlineApplication.io
Mobile:+353 86 394 0344
Web: <https://ruadhan.com>

Dr. Hiran H E Jayaweera

Senior Lecturer, Department of Physics, Faculty of Science, University of Colombo
Mobile:+94 71 602 9334
Email: hiran@phys.cmb.ac.lk

Engineering Practice

- **OpenWireless Application**
Android Project
Mobile Application that used to Create Wifi based open Cellular network
- **3D Desktop Cube**
C Embedded Project
Display that can show3D images and Animations
- **Line Follower**
Robotic embedded Project
Prototype of a robot that uses line following, communications(blueetooth) and other embedded technologies
- **Werther Station DAQ**
DAQ Project
Use smart phone sensor data to create 3D thermal map with arduino,Labview