



## CONTACT ME

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● [github.com/buddhimalinda](https://github.com/buddhimalinda)

## EDUCATION

### Bachelor of Information Technology

UCSC | University of Colombo

2020 - present

### Bachelor of Physical and Electronic

PE | University of Kelaniya

2021 - 2024

## SKILLS

- AI prompting & Engineering
- OOP & Agile
- Collaboration and Effective Communication in team settings
- Continuous learning and Adaptability to new technologies
- Problem-solving and Troubleshooting skills
- Research and Development
- Robotics and Electronic

# Buddhi Rupasingha

SOFTWARE ENGINEER



## ABOUT ME

Software Engineer specializing in Full-Stack Development, Mobile Applications, AI Solutions, and IoT Systems. With expertise in Java, Spring Boot, Next.js, React, NestJS, Firebase, and cloud technologies, I build scalable software that bridges the gap between digital innovation and real-world engineering. Passionate about AI, automation, robotics, and entrepreneurship, I continuously explore emerging technologies to create impactful products and business solutions.

## WORK EXPERIENCES

- **Kapruka PLC** 2024/10 - 2025/04  
Full stack - Mobile Developer | Intern  
Applications: Kapruka App, Runner-Driver App, Java Lounge  
Tech stack: Java, Kotlin, JavaScript/TS, React Native, Swift, Spring Boot, SQL, Firebase  
**Responsibility:**
  - Maintained and enhanced Kapruka Shopping and Runner mobile applications.
  - Developed and maintained features used by thousands of users across Kapruka mobile platforms.
  - Designed and maintained Spring Boot services supporting authentication, real-time synchronization, a real-time tracking system(GPS), and business workflows.
  - Implemented OTP authentication systems and real-time data synchronization.
  - Develop a Java lounge application.
- **Besty International** 2025/09 - 2025/12  
Full Stack - Mobile, Web | Software Engineer  
Applications: UIUX.LK, Besty MyClass, Besty Rent a Car  
Tech stack: NextJS, NestJS, PHP, React Native, PostgreSQL, MongoDB, Docker

## PROJECT

- **Multi-Tenant SaaS Business Management Platform** 2026 - present  
Team Telous | NextJS, NestJS, MongoDB, Firebase, and Redis.
- **Maniya Charity - Web & Browser Sources** 2025/11  
Charity Project - NextJs, PostgreSQL, Redis, Payhere, Vercel
- **Ai Image & Video generation platform for any business | SaaS** 2026  
NestJs, ExpresJS, NextJs, Postgresql, MongoDB, Firebase, Google Gemini, Kiling Ai
- **Fuel Station System | SaaS | Microservice** 2025/03 - present  
NextJs, Firebase, MongoDB, Linux VPS & Vercel, and NestJS | Docker
- **Kapruka Meme game** 2025  
HTML, CSS, JS, Express JS, MySQL
- **Wasana bag - E-commerce & Admin** 2024/11 - 2025/7  
BIT Final Year Project  
Java Spring boot, Next Js, PostgreSQL, and Firebase | Shopify, Stripe
- **School Management System | SMS** 2018-2019  
Infotel 2019 | Volunteer projects - PHP, Java
- **ERP SYSTEM** 2024  
Kandurata Markerting, SNJ Engineering, Kandurata Service center  
NextJs, Firebase, Vercel, Redux, React
- **RedM Script - Game development** 2025 - present  
Lua, HTML, CSS, React, JS, TS | [Store](#)
- **Roleplay community - Web** 2025/07, 2026/04  
Gaming Community | NextJS, MySQL, Redux | [Goldstone](#), [Vertex](#)
- **Fire2Mongo - NPM Package** 2026  
Transfer easy firebase db to mongo db.
- **Travel Agent project | [hakasrilanka.com](https://hakasrilanka.com)** 2026

# RESEARCH

Energy Harvesting from Human-Body Movements for Powering Ultra-Low Power Appliances

2023-2024

University of Kelaniya | Final year research

[More details...](#) [Youtube Short](#) [Youtube](#)

# EXPERTISE

| Web Development                                                                                                                                                                   | Domain knowledge                                                                                                                                                                                                                                        | Electronic                                                                                                                                                                                                                                          | 3D Design                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"><li>HTML5/CSS3/JS</li><li>Wordpress/Moodle</li><li>ReactJS + TS</li><li>Tailwind CSS/ Bootstrap</li><li>NextJs/ViteJS</li><li>Laravel</li></ul> | <ul style="list-style-type: none"><li>GitHuB &amp; GitHuB Action</li><li>Docker, Kubernetes</li><li>MS Office / Latex / Open Office</li><li>RabbitMQ, Firebase, Google cloud</li><li>AWS/ Hostinger/ Vercel</li><li>ChatGPT/ Cloud.AI/ OLLAMA</li></ul> | <ul style="list-style-type: none"><li>PCB &amp; PLC Design</li><li>Robotic/ IOT</li><li>Microcontrollers - ESP32/82, Arduino</li></ul>                                                                                                              | <ul style="list-style-type: none"><li>Fusion 360</li><li>Blender</li></ul>          |
| Programing Language                                                                                                                                                               | Mobile Development                                                                                                                                                                                                                                      | Backend Development                                                                                                                                                                                                                                 | Automation                                                                          |
| <ul style="list-style-type: none"><li>Java/Kotlin</li><li>PHP</li><li>C/C++</li><li>Python</li><li>C# / .NET</li><li>Assembly</li></ul>                                           | <ul style="list-style-type: none"><li>React-native (Expo &amp; native)</li><li>Android(Kotlin+java)</li><li>IOS(Swift)</li><li>Flutter, Ionic, and Xamarin</li></ul>                                                                                    | <ul style="list-style-type: none"><li>Spring / Spring Boot</li><li>NodeJs</li><li>NestJs</li><li>Laravel(react)</li></ul>                                                                                                                           | <ul style="list-style-type: none"><li>MCP servers</li><li>n8n</li></ul>             |
| Other                                                                                                                                                                             | Game Development                                                                                                                                                                                                                                        | AI & Tools                                                                                                                                                                                                                                          | QA Tools                                                                            |
| <ul style="list-style-type: none"><li>Linux OS</li><li>Graphic designing - photoshop, Illustrator</li><li>Video Editing - Premiere pro, Capcut</li></ul>                          | <ul style="list-style-type: none"><li>Unity</li><li>Scratch 3.0 - 2D</li></ul>                                                                                                                                                                          | <ul style="list-style-type: none"><li>Claude Ai</li><li>Cursor/Copilot/Gemini</li><li>Ai Agent &amp; Skills</li><li>Ai Memory &amp; Advance Prompting</li><li>Gemini/Antigravity/Gemini-CLi</li><li>Kilo/kilo-CLi</li><li>Glok/kim/ollama</li></ul> | <ul style="list-style-type: none"><li>JUnit</li><li>Jest</li></ul>                  |
|                                                                                                                                                                                   | Database                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                     | Cyber Security                                                                      |
|                                                                                                                                                                                   | <ul style="list-style-type: none"><li>SQL(MySQL, PostgreSQL, MS SQL)</li><li>NOSQL(Mongodb &amp; Firebase)</li><li>GraphQL, Radis, Redux</li></ul>                                                                                                      |                                                                                                                                                                                                                                                     | <ul style="list-style-type: none"><li>Sync</li><li>NPM Audit</li></ul>              |
|                                                                                                                                                                                   |                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                     | IDE                                                                                 |
|                                                                                                                                                                                   |                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                     | <ul style="list-style-type: none"><li>IntelliJ IDEA</li><li>Visual Studio</li></ul> |

# MOBILE APP & SELF PROJECT

|                                                                                                         |      |
|---------------------------------------------------------------------------------------------------------|------|
| <ul style="list-style-type: none"><li>Budget Buddy<br/>self income and expence calculator app</li></ul> | 2024 |
| <ul style="list-style-type: none"><li>Todo App<br/>Assign task for your self</li></ul>                  | 2026 |
| <ul style="list-style-type: none"><li>Dansal App<br/>Find any community support services</li></ul>      | 2026 |
| <ul style="list-style-type: none"><li>Safety-HealthWalker<br/>Medical Mobile app</li></ul>              | 2024 |

# LICENSES & CERTIFICATIONS

|                                                                                                                          |          |
|--------------------------------------------------------------------------------------------------------------------------|----------|
| <ul style="list-style-type: none"><li>Foundations of Coding Front-End<br/>Microsoft, Credential ID CPBS4DZPSHY</li></ul> | 2026 Sep |
| <ul style="list-style-type: none"><li>Introduction to Git and GitHub<br/>Google, Credential ID 3J5VVAXMOSI</li></ul>     | 2026 Sep |
| <ul style="list-style-type: none"><li>Google AI Fundamentals<br/>Google, Credential <a href="#">link</a></li></ul>       | 2026 Aug |

# OTHER EXPERIENCES

|                                                                                                                                                                                                    |              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| <ul style="list-style-type: none"><li>Active Member of ESS in UOK</li></ul>                                                                                                                        | 2021-present |
| <ul style="list-style-type: none"><li>Python Essentials Trainer at University of Kelaniya</li></ul>                                                                                                | 2023         |
| <p>As an experienced lecturer, I led Python Essentials Training at University of Kelaniya, covering crucial concepts. Empowering students in their journey through practical Python education.</p> |              |
| <ul style="list-style-type: none"><li>School Senior Prefect</li></ul>                                                                                                                              | 2017-2019    |
| <p>Homagama Central College</p>                                                                                                                                                                    |              |

# ACTIVITIES

|                                                                         |                |
|-------------------------------------------------------------------------|----------------|
| <ul style="list-style-type: none"><li>Youtube Content Creator</li></ul> | 2015 - present |
| <p>@mrrulzstreaming</p>                                                 |                |
| <ul style="list-style-type: none"><li>Social Media Manager</li></ul>    | 2025 - present |
| <p>@naithi, @wasanabag</p>                                              |                |

# REFERENCES

|                                                               |                                                                                 |
|---------------------------------------------------------------|---------------------------------------------------------------------------------|
| <b>Dr. Jehan Seneviratne</b><br>Senior Lecturer   UOK         | <b>Milan Gamage Kapruka</b><br>Tech Lead   Kapruka                              |
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