

# VITHUSHAN KANESAMOORTHY

## Software Engineer Intern

📍 Colombo, Sri Lanka | ☎ +94 76 560 7165 | 📩 vithukanes@gmail.com | 🌐 Portfolio  
LinkedIn: [linkedin.com/in/vithu29/](https://linkedin.com/in/vithu29/) | GitHub: [github.com/Vithu-29](https://github.com/Vithu-29)

### SUMMARY

Motivated and passionate IT undergraduate, actively seeking a **Software Engineer Intern** to apply my problem-solving skills, full-stack development knowledge, and eagerness to learn in delivering efficient, real-world software solutions.

### SKILLS

- **Programming Languages:** Java, Python, C, Dart, JavaScript
- **Web Development:** ReactJs, Django, Spring Boot, Tailwind CSS
- **Mobile Development:** Flutter, Firebase
- **Databases:** MySQL, MSSQL, PostgreSQL
- **Cloud & DevOps:** Cloudinary, Microsoft Azure, AWS
- **Tools & Platforms:** Git, GitHub, Docker, Postman, Figma
- **Soft Skills:** Team Work, Problem Solving, Communication, Adaptability

### EDUCATION

- |   |   |
|---|---|
| • Bachelor of Science Honours in Information Technology<br>University of Moratuwa | May 2023 - Present<br><b>CGPA: 3.57/4.00</b>        |
| • Secondary Education(G.C.E Advanced Level)<br>Jaffna Hindu College               | Jan 2011 - Aug 2019<br><b>Physical Science: 2AB</b> |

### PROJECTS

- |  |  |
|--|--|
| • Automobile Service Management System (Academic Project)<br>Microservices-based system with modules for bookings, job assignments, parts inventory, billing, and live in-shop tracking, including role-based dashboards. <ul style="list-style-type: none"><li>◦ Implemented <b>admin features</b> including employee creation, branch creation, inventory management, and predefined service setup.</li><li>◦ Developed a <b>chatbot</b> to assist users by answering questions and guiding them about company services.</li></ul> <b>Tools &amp; Technologies:</b> NextJs, Django, MySQL, RabbitMQ, MongoDB, Spring Boot, .NET, Node Js   | Ongoing<br>[ <a href="#">Github</a> ]                                    |
| • Orix: Ecommerce Mobile Application<br>An responsive application where users can browse products by category, add items to cart, checkout securely, and manage personal details with Firebase backend. <ul style="list-style-type: none"><li>◦ Built a cross-platform mobile app using Flutter with GetX for efficient state management.</li><li>◦ Integrated Firebase Authentication and Firestore for secure user login, product storage, and real-time data handling.</li></ul> <b>Tools &amp; Technologies:</b> Flutter, Getx, Firebase   | Jul 2025 - Sep 2025<br>[ <a href="#">Github</a> ]                        |
| • HABITRO: AI-Powered Habit Tracking App (Academic project)<br>An application where users can track habits through <b>AI-powered habit suggestions</b> ,<br>offering gamification features, reminders, leaderboards. <ul style="list-style-type: none"><li>◦ Integrated a real-time, end-to-end encrypted chat system using Django Channels and WebSockets.</li><li>◦ Developed gamification features including <b>AI-generated quizzes, streaks, and achievements</b></li><li>◦ Implemented push notifications using <b>Firebase Cloud Messaging (FCM)</b> for scheduled notifications</li><li>◦ Hosted and managed the MySQL database on <b>Azure RDS</b>, ensuring secure and scalable cloud-based data storage.</li></ul> <b>Tools &amp; Technologies:</b> Flutter, Django, Firebase, Django Channels, WebSockets, MySQL, Cloudinary | Dec 2024 – Jun 2025<br>[ <a href="#">Github</a>   <a href="#">Demo</a> ] |

- **Ecommerce CRUD Application** (Individual)

Sep 2024

An ecommerce web application demonstrating CRUD operations, allowing users to manage and interact with products seamlessly.

[  GitHub ]

- Developed **RESTful APIs** to perform Create, Read, Update, and Delete operations, ensuring smooth and efficient data management.
- Built the backend using the **MVC pattern** with clear separation of concerns (Controller, Entity, Repository) and validated API functionality using **Postman** for reliability.

**Tools & Technologies:** *ReactJs, Spring Boot, H2*

- **Ex Studios.: Movie Ticket Booking Platform** (Group Project)

May 2024

A responsive web application where users can view and book tickets.

[  GitHub |  Web ]

- Designed, user-friendly web pages for movie selection, seat booking, and schedule viewing
- Collaborated with team members to ensure consistency in layout, styling, and functionality across the platform.

**Tools & Technologies:** *HTML, CSS, JavaScript*

- **Automated Juice Maker: Arduino-Based Smart Hardware Project**

Dec 2023 - May 2024

An IoT-enabled prototype designed to automate juice preparation by combining liquid dispensing, sensor-based measurement, and motor-driven mixing.

[  GitHub ]

- Designed the physical structure and sensor layout for an automated juice dispensing machine.
- Programmed microcontroller logic using **C/C++** to control sensor input, mixing cycles, and LED status indicators.

**Tools & Technologies:** *Arduino, C/C++, Ultrasonic & IR Sensors, Servo Motor, Stepper Motor*

---

## ACHIEVEMENTS & CERTIFICATIONS

- **Foundations of Spring Boot & MVC Architecture**

*Coursera*

- **AWS Cloud Technical Essentials**

*Coursera*

- **Cloud Computing Fundamentals**

*IBM SkillsBuild*

- **FIT- CodeRush (2024)**

*INTECS – UOM*

- **AlgoXplore 1.0 Hackathon**

*NSBM Green University*

---

## REFERENCES

**Adshayani Pirapaharan**

Lecturer, Department of IT,  
University of Moratuwa.  
Email: padshayani@uom.lk

**Sulegjan S.**

Software Engineer,  
Pacificode (Pvt) Ltd.  
Email: Sulegjan0201@gmail.com