



KALANI JAYASUNDARA

Intern Software Engineer

✉ kalanidasunika@gmail.com

☎ +94 714626988

in [kalani Jayasundara](#)

📷 [kalani Jayasundara](#)

TECHNOLOGIES

- **Programming Languages**

Java, JavaScript, C, C++, Python

- **Web Backend Development**

php, Asp.NET, Spring Boot

- **Database Technologies**

MySQL, MongoDB, PostgreSQL

- **Web Frontend Development**

React, HTML, CSS, React Js

- **Tools & Technologies**

Git, GitHub, Arduino

SKILLS

- Communication
- Project Management
- Team Collaboration
- Leadership
- Problem-Solving
- Decision-Making

About Me

I am a passionate developer with a strong inclination toward technology-driven solutions. I enjoy working on web development projects and creating user-friendly, scalable applications. My experience includes building an Event Discovery Platform using Laravel, MySQL, and React.js with a 3-tier architecture, enabling users to explore, register, and manage events. I have also developed modules with React.js, .NET, PostgreSQL, and Azure, including RBAC-based user permission management, job posting functionality, quiz analytics dashboards, and secure API endpoints documented with Swagger.

PROJECTS

Event Discovery Platform (Web Application)

- **Technologies:** Laravel, MySQL, React.js
- Developed a web-based Event Discovery Platform using PHP (Laravel) for backend development, MySQL for relational database management, and React.js (JavaScript, JSX) for the frontend.
- Designed and implemented a modern 3-tier architecture, built RESTful APIs with Laravel, created optimized database schemas for efficient event management, and developed a responsive React.js interface for event exploration, registration, and management.
- Implemented key features such as user authentication, event CRUD operations, and real-time data updates, ensuring a seamless and scalable user experience.

Evelora – Role-Based Assessment Platform (Web Application)

- **Technologies:** React.js, ASP.NET, PostgreSQL, Azure
- Developed and enhanced multiple modules using React.js (JavaScript, JSX) for dynamic frontend interfaces, ASP.NET (C#) for backend services, PostgreSQL for relational database management, and Microsoft Azure for cloud deployment.
- Implemented Role-Based Access Control (RBAC) to manage user permissions and streamline assessment workflows.
- Built a job posting module that allows recruiters to create, update, and manage job listings stored in PostgreSQL with transactional consistency.
- Developed a quiz results analysis module using React.js dashboards and PostgreSQL stored procedures, enabling real-time performance insights and data visualization.
- Designed and secured RESTful API endpoints with ASP.NET, documented them using Swagger (OpenAPI) for seamless integration with client applications.

VOLUNTEERING

- Overhaul 4.0**
Marketing Team Member
Aiesec,University of Moratuwa
- Innovators**
Marketing And PR Team
Aiesec,University of Moratuwa
- Member**
Information Management Team
Aiesec,University of Moratuwa
- OTM 3.1**
Organizing Committee
Aiesec,University of Moratuwa
- HackElite 1.0**
Delegate Committee
IEEE WIE, University of Moratuwa
- ICITR International Conference**
Graphic Design Team
- EXMO 2023– University of Moratuwa**
Event Coordinator

AUTOMATED HYDROPONICS SYSTEM DEVELOPED WITH ARDUINO

- Technologies:** C++ (Arduino IDE)
- Designed and implemented an automated hydroponic system using Arduino Mega for the first-year hardware project.
- Developed and programmed the system using C++, integrating sensors to monitor and regulate water levels, pH, and nutrient supply, automating plant care.
Implemented real-time data processing and control logic in Arduino, optimizing agricultural efficiency through automated adjustments and sensor-based decision-making.

EDUCATION

	2023–Present
BSc(Hons) Information Technology and Management	
University of Moratuwa	
GCE A/L Examination	2021
Maliyadeva Girls College Kurunegala	
<ul style="list-style-type: none">Chemistry - BBiology - CPhysics - C	
GCE O/L Examination – Passed with 9As	2017
Maliyadeva Girls College , Kurunegala	
<ul style="list-style-type: none">Mathematics - AEnglish - AScience - AICT - A	

EXTRA CURRICULAR

	2023–Present
Creative Design Pillar Member	
FIT Moments, the Official Media Unit Of Faculty of Information Technonlgy,University of Moratuwa	
	2023–present
Ingoing Global Volunteer Team member	
Aiesec,University of Moratuwa	

REFERENCES

Mr M.D.N. Chandrasiri Lecturer, Faculty of Information Technology, University of Moratuwa	Mr Nishanath Chethiya Consultant Software Engineer, Grubtech Software Design LLC, Dubai, United Arab Emirates
---	--