

## PROFESSIONAL SUMMARY

A dedicated Information Technology student at the Institute of Technology, University of Moratuwa, with two years of academic excellence. Passionate about Software Engineering, eager to apply knowledge and skills to real-world projects and challenges. Actively seeking an internship opportunity to leverage technical expertise, problem-solving abilities, and teamwork skills. Aims to gain valuable hands-on industry experience, contribute to innovative projects, and further develop proficiency in software development. Excited about the prospect of making meaningful contributions to a forward-thinking team.

## CORE COMPETENCIES

- Programming
- Agile Methodologies
- Full-stack Web Development
- Teamwork & Collaboration
- Attention to Detail
- Problem Solving

## EDUCATION

2021 - 2024 | University of Moratuwa  
National Diploma in Technology - Information Technology

2019 - 2020 | Information and Communication Technology (NVQ Level 4)  
6 months course period & 6 months training period

## PROJECTS

### Renewal License

#### Virtual License System

April 2023 – January 2024

- Developed the backend of the web application using Java Spring Boot framework.
- Designed and implemented RESTful APIs to handle CRUD operations and ensure smooth communication between the front-end and back-end.
- Utilized PostgreSQL for database management, including schema design, query optimization, and data migration.
- Implemented security features such as JWT-based authentication and authorization to protect sensitive data.

### Job Portal

#### Recruitment System

Oct 2023 - Present

- Implemented a responsive and user-friendly interface for employers and job seekers using React.
- Created RESTful APIs with Node.js and Express.js to handle job listings, user authentication, and application processing.
- Designed and maintained MongoDB schemas for storing user profiles, job postings, and application data, ensuring efficient data retrieval and storage.
- Integrated robust form handling and validation to ensure accurate data entry and seamless user experience.

### Quizzee

#### Quiz platform

February 2024 - Present

- Implemented user authentication and authorization to ensure secure access to the platform and personalized user experiences.
- Designed and created a responsive user interface using Blade templates, enhancing user experience across various devices.
- Built a robust backend system in Laravel, enabling efficient quiz creation, management, and grading functionalities.
- Integrated real-time note-taking features, allowing users to annotate and review their quiz attempts for improved learning outcomes.
- Optimized database schema and queries in MySQL for high performance and scalability, supporting a large number of concurrent users.
- Incorporated interactive elements and dynamic content to maintain user engagement and motivation.

## TicTacToe

### Game Development

May 2023 – May 2023

- Developed a dynamic Tic-Tac-Toe game using ReactJS, demonstrating proficiency in modern front-end technologies.
- Implemented game logic for two players, including turn-taking and win/draw condition checks, ensuring a seamless user experience.
- Utilized React Hooks for state management, enhancing code readability and maintainability.
- Created a responsive and interactive user interface with CSS3, ensuring compatibility across different devices and screen sizes.

## ShopSphere

### E-Commerce Platform

April 2022 – October 2022

- Implemented seamless navigation and an intuitive user interface to enhance the customer shopping experience.
- Customized WordPress themes and plugins to meet specific business requirements and branding needs.
- Integrated payment gateways to ensure secure and efficient transactions.
- Optimized website performance to improve load times and overall user experience.
- Conducted extensive testing to ensure cross-browser compatibility and responsiveness on various devices.
- Maintained and updated the website regularly to add new features and ensure security.

## CERTIFICATIONS

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- Basic Java Development - DigiMax Edu Lk
- AWS Cloud Practitioner Essentials
- Fundamentals of Java Programming – *Coursera*
- Development Back end Apps with Node.js and Express - *Coursera*
- English Skills development Course - *Leo Club, University of Colombo*

## SKILLS

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### Soft Skills

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|---|-----------------|
| ▪ Time management                       | ▪ Adaptability  |
| ▪ Problem-solving(LeetCode, HackerRank) | ▪ Communication |
| ▪ Organization Skills                   | ▪ Collaboration |

### Tech Skills

- Programming Languages & Frameworks - *Java (Spring Boot) / JavaScript (ReactJS, NodeJS) / PHP (Laravel)*
- Database Technologies - *MySQL / PostgreSQL / MongoDB*
- Version Controlling Technologies and Tools – *GIT / GitHub / BitBucket*
- Cloud Technologies - *AWS*
- WordPress
- PowerBI

## REFERENCES

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- **Ms. Kalpana Galappaththi**  
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