

# Dilshan Yapa

[Portfolio](#) | [LinkedIn](#) | [GitHub](#)

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## SUMMARY

**Motivated Software Engineering Undergraduate** with **comprehensive experience in Java, JavaScript, and Python** programming languages. Strong foundation in **agile development methodologies** and **database systems** with proven ability to learn new technologies rapidly. Demonstrated expertise in **full-stack development, system architecture**, and collaborative software development through multiple project implementations. Ready to contribute to team environments with **willingness to learn** cutting-edge technologies and modern development practices.

## EDUCATION

**Sri Lanka Institute of Information Technology**  
*BSc (Hons) in Information Technology Specialising in Software Engineering*

Malabe, Sri Lanka  
June 2023 – Present

- **Agile Development Training:** Comprehensive coursework in agile methodologies and collaborative software development
- Core Programming Languages: **Java, Python, JavaScript** with strong foundation in object-oriented programming
- **Database Systems:** Extensive training in database design, SQL, and data modeling principles
- Relevant Coursework: **Software Engineering, System Analysis & Design, Web Development, Algorithm Design**

## TECHNICAL PROJECTS

**E-Commerce System - Enterprise-Level Development**  
*JavaScript, Node.js, Express.js, Database Integration*

[Backend Source](#) | [Frontend Source](#)

- Developed scalable full-stack application using **JavaScript** with Node.js/Express.js demonstrating **willingness to learn** modern technologies
- Implemented comprehensive **database design and optimization** using MongoDB with complex query operations
- Applied **agile development practices** with iterative development cycles and continuous integration
- Demonstrated collaboration skills through distributed development and version control
- Established CI/CD pipelines showcasing adaptability to modern software engineering practices

**Modern Portfolio - Contemporary Web Development**  
*JavaScript, Modern Frameworks, Database Integration*

[Source Code](#)  
[Live Demo](#)

- Built responsive application using modern **JavaScript** frameworks with component-based architecture
- Applied **latest technologies** including contemporary build tools and optimization techniques
- Showcased **willingness to learn** through adoption of cutting-edge development practices

**SkyLuxes - Database-Driven Application**  
*JavaScript, PHP, Advanced Database Systems*

[Source Code](#)

- Developed comprehensive **database systems** with complex relational modeling and optimization
- Implemented real-time booking system using **JavaScript** for dynamic user interactions
- Applied **agile development principles** through iterative testing and continuous improvement
- Demonstrated ability to work with **multiple programming languages** within single project

**Infinity Arcade - Multi-Language Development**  
*Java, JavaScript, Database Integration*

[Source Code](#)

- Architected system using **Java backend** with **JavaScript frontend** demonstrating multi-language proficiency
- Implemented comprehensive **database integration** with user management and data persistence
- Applied object-oriented programming principles showcasing strong **Java** development skills
- Demonstrated **flexibility** in technology selection and implementation approaches

## TECHNICAL SKILLS

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<b>Core Languages</b>	: <b>Java, Python, JavaScript, TypeScript</b>
<b>Database Knowledge</b>	: <b>Database Design, SQL, NoSQL</b> – MongoDB, MySQL, query optimization, data modeling
<b>Modern Technologies</b>	: Node.js, Express.js, NestJS, ReactJS, RESTful APIs, GraphQL
<b>Development Tools</b>	: Git Version Control, Docker, CI/CD, Agile Project Management Tools
<b>Software Engineering</b>	: Object-Oriented Programming, Design Patterns, System Architecture, Testing

## CERTIFICATIONS & CONTINUOUS LEARNING

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- Multipass & VM Security – Udemy (Feb 2025) - Demonstrating **willingness to learn** new technologies
- Web Design for Beginners – University of Moratuwa (Jan 2024) - Foundation in modern development practices
- Programming in Python 2 – University of Moratuwa (Dec 2023) - Expanding programming language proficiency
- Python for Beginners – University of Moratuwa (Jun 2023) - Core programming fundamentals

## TECHNICAL COMPETENCIES

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- **Agile Development** experience through team projects
- **Java, JavaScript, Python** programming proficiency
- **Database Knowledge** with practical implementation
- **Full-Stack Development** capabilities
- **Version Control** and collaborative development
- **Latest Technologies** learning and adaptation

## PROFESSIONAL ATTRIBUTES

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- **Willingness to Learn** new technologies & practices
- **Flexible Work Approach** and adaptability
- **Team Collaboration** capabilities
- **Problem-Solving** mindset
- **Self-Motivated** continuous learner