

# KALANA DE SILVA



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## OBJECTIVES

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To secure a challenging software-related opportunity where I can leverage my skills and experience drive efficiency, streamline software development processes, and enhance product quality. I aim to apply my knowledge in detail-oriented Software Engineer with a strong foundation in full-stack development, seeking to leverage expertise in designing, implementing, testing, and maintaining complex software systems.

## EDUCATION

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### Sri Lanka Institute of Information Technology (SLIIT)

Feb 2020 - Dec 2023

BSc (Hons) Information Technology specializing in Information Technology. | Current GPA: 2.7

**Research:** Implemented research project is called V-mobile device for Smart Election. Leveraging the power of blockchain and machine learning, we're revolutionizing e-voting Electoral System to ensure transparency, security, and trust in the electoral process.

### Dharmashoka College, Ambalangoda.

Feb 2004 – Sep 2017

Mathematics Stream

## WORKING EXPERIENCES

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### BiHelix.

Software Engineer Intern

- Design, develop, and maintain server-side applications using MERN stack.
- Create and maintain RESTful APIs for seamless communication between the front-end and back-end systems.
- Use version control systems (e.g., Git) to manage codebase and collaborate with team members.
- Participate in code reviews to ensure adherence to coding standards, design patterns, and architectural principles.

### Syncbridge.

Software Engineer Intern

- Develop, test, and enhance web-based solutions for a large company.
- Create development plans and test plans, and perform unit, integration, and regression testing.
- Establish and maintain coding standards, and automate manual tasks.
- Develop prototype applications and design user interfaces.

## PROJECTS

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### E-Votes-Analyzing-with-Intrusion-Detection-System | Python, Jolib, Machine Learning | [Project\\_Link](#)

This is my final year Research Project. We research the state of voting technologies today. Use biometric and blockchain technologies together in electronic voting applications.

**Dot-NET-Core-Web-Application-simple** | *ASP.NET Core, MS .NET Framework, C#* | [Project\\_Link](#)

This is a sample dot NET core web application system.

**Gym Management System** | *JavaScript, Django* | [Project\\_Link](#)

This is my university group project, under the Mobile Application Development module. I have created this mobile app using Kotlin language on Android Studio.

**School Management System** | *JavaScript, Mongo db, Nodejs, React js, Express js* | [Project\\_Link](#)

This project aims to develop a comprehensive and efficient system for managing various aspects of a school using MERN Stack.

**Tea Factory Management System** | *Python, Django* | [Project\\_Link](#)

This is my university project and this is a tea factory management system.

## SKILLS

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**Development Tools:** VS Code, Android Studio, Eclipse, PyCharm

**Version Controlling:** Git

**Web Technologies:** HTML5, CSS3, JavaScript, Front-End Frameworks (e.g., React)

**Operating Systems:** Windows

**Programming Languages, Scripts & Others:** JavaScript, Nodejs, .NET, Angular, Java, C++, SQL, Reactjs, Expressjs, Mongo DB

## CERTIFICATIONS

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Cloud Virtualization, Containers and APIs | [View Certificate](#)

The Full Stack | [View Certificate](#)

Practical Web Development | [View Certificate](#)

Object-Oriented Programming using Python | [View Certificate](#)

Data Visualization with Numpy and Pandas | [View Certificate](#)

## REFERENCES

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**Mrs. Uthpala Samarakoon**

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