



# Thevindu Kulasinghe

SOFTWARE ENGINEER (INTERN) · .NET DEVELOPER

Kirulapone, Colombo, Sri Lanka

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## Summary

I am a computer science undergraduate from University of Colombo / software engineering intern with a strong background in .NET development and a passion for creating innovative software solutions. I am proficient in a wide range of programming languages, frameworks, and technologies, including .NET, ASP.NET, React JS, Express JS, and more. My skills also extend to agile methodologies, where I excel in collaborative and adaptive work environments. My goal is to contribute my expertise and dedication to help drive successful software development projects and make a positive impact on the teams I work with.

## Technical Exposure

- Frameworks: Spring Frameworks; .NET; Flutter; React JS; Node JS; Express JS; Firebase;
- Languages: Java; C#; PHP; JavaScript; C++; Dart;
- Database: MySQL; MSSQL; Mongo DB
- Other: Azure; AWS; Firebase; Heroku, GIT; Docker; Jenkins; Firebase; Linux;
- Tools: Visual Studio; Visual Studio Code; Eclipse; NetBeans; IntelliJ; Android Studio;
- Areas of Interest: Software Engineering; Software Architecture; Software Design; Software Testing; Software Quality Assurance; DevOps; Cloud Computing; Open Source Contributions;

## Work Experience

### Waterlily Labs

SYSTEM ENGINEER - INTERN

Sri Lanka

May 2023 - Present

- Developed live project features using ASP.NET MVC, focusing on an intuitive user experience.
- Developed user interfaces (UI) for live projects using ASP.NET MVC
- Implemented ASP.NET MVC layered architecture to ensure code reusability and maintainability.
- Created Blazor UI components for critical functions like Sign-in, Sign-up, and Forgot Password.
- Actively participated in Agile Scrum meetings and contributed to the code review process.
- Collaborated with senior engineers in code reviews to enhance code quality.

### Imigap (PVT) Ltd

DEVOPS ENGINEER - INTERN

Sri Lanka

May 2022 - May, 2023

- Orchestrated the deployment of live projects on AWS, ensuring smooth operation.
- Managed databases and servers, optimizing performance using AWS services.
- Implemented CI/CD pipelines on AWS to automate project workflows.
- Collaborated with senior engineers in code reviews to enhance code quality.
- Actively participated in Agile Scrum meetings and contributed to the code review process.

### Commercial Technologies Plus

BUSINESS ANALYST - INTERN

Sri Lanka

Jul. 2022 - Dec. 2022

- Developed user interfaces (UI) for live projects using NEXT.JS, focusing on an intuitive user experience.
- Conducted comprehensive business analysis for live projects, identifying key requirements and objectives.
- Engaged with clients to gather project requirements, ensuring alignment with business goals.
- Created detailed documentation, including supporting evidence, to facilitate project understanding and execution.

## Projects

### VisionVID - Co-Creator for Captivating Clips 🎥

BACKEND DEVELOPER

UCSC

2023

- AI powered Prompt to Video clip generator
- VisionVID can generate video according to the user prompt. Application harness the power of GPT3.5 Turbo and Learnado AI image generator.
- Tech Stack: Express.js, React. FFMpeg, MongoDB

## Be My Voice

UCSC

BACKEND DEVELOPER AND SCRUM MASTER

April 2023 - Nov. 2023

- Developed a cutting-edge mobile application that bridges communication gaps by translating Sinhala Sign Language to Sinhala Language, simultaneously serving as an educational tool for learning Sign Language.
- Implemented a privacy-centric approach by processing data locally on edge devices.
- Tech Stack: .NET Core, React Native, Azure, Docker, Kubernetes, Python, TensorFlow, OpenCV

## MedEx

UCSC

BACKEND DEVELOPER AND SCRUM MASTER

Nov. 2022 - April 2023

- Spearheaded the development of MedEx, a web-based supply chain management system for the medical supplies sector.
- Applied Agile Software Development Methodology, adhering to Object-Oriented Design Principles, Design Patterns, and SOLID Principles.
- Tech Stack: PHP, MySQL, HTML, CSS, JavaScript

## Unimate

UCSC

BACKEND DEVELOPER

2023

- Engineered Unimate, a mobile application that secured victory at the MadHack Mobile Development Hackathon.
- Unimate is a mobile application that would help the universities to track student participation in a secure way
- Tech Stack: Flutter, Firebase

## Education

### B.Sc in Computer Science

Sri Lanka

UNIVERSITY OF COLOMBO SCHOOL OF COMPUTING

April. 2021 - April. 2024

- Second Class Upper Division
- Completed various modules such as DSA, OOP, Database Systems, Computer Networks, SE, and Operating Systems, and Middleware Architecture, Graph Theory

### Diploma in Management Accounting

Sri Lanka

CHARTERED INSTITUTE OF MANAGEMENT ACCOUNTANTS

April 2023 - April 2024

- Completed various modules such as Management Accounting, Financial Accounting, Business Economics, Business Law, Business Mathematics, and Taxation

## Certificates

- 2022 **AZ - 900 Microsoft Azure Fundamentals**, Microsoft
- 2022 **POSTMAN API Fundamentals Student Expert**, POSTMAN Inc.
- 2022 **Certificate for Introduction to Containers, Kubernetes, and OpenShift**, EdX Inc.
- 2021 **Fundamentals of Project Management**, Google Inc.

## Awards & Community Outreach

### AWARDS AND RECOGNITIONS

- 2023 **1st Runners Up**, Asia Pacific Advanced Network Datathon 2023 APAN56
- 2023 **1st Runners Up**, CodeRally 4.0 IEEE CS IIT
- 2023 **1st Runners Up**, MadHack - Mobile Development Hackathon IEEE UCSC

### COMMUNITY OUTREACH

- 2023 **Microsoft Learn Student Ambassador**, Microsoft Inc
- 2023 **IEEEExtreme Ambassador**, Institute of Electrical and Electronics Engineers

## References

### CEO IdeaHub (Pvt) Ltd | Senior Lecturer

UCSC

DR CHAMINDA RANASINGHE

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### Chief Executive Officer

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