

# Buddhi Chanuka Jayashan

## Software Engineer

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66/A/1 Brahmanagama Pannipitiya Sri Lanka



## SUMMARY

Recent graduate seeking a full-time Software Engineer position. Hands-on experience in building microservices architecture with Java and Spring Boot for high-performance applications. Proficient in developing web applications using Spring Boot, Angular, TypeScript, and MySQL.

## SKILLS

**Languages / Frameworks :** Java, Angular, TypeScript, Spring Boot, PHP, JavaScript, MySQL, Python, HTML, CSS, Bootstrap, Microservices, JSON, RESR API, Tailwind, GIT, JUnit

**Platforms and Tools :** Linux, Visual Studio, Visual Code, IntelliJ, Google Colab

**Languages :** English (Intermediate), Sinhala (Mother tongue)

## PROFESSIONAL EXPERIENCE

### NAVITSA Technologies

06/2024 - Present

### Intern Software Engineer

#### MyDent.lk - Web Application for Booking Dental Appointments

- Developed user-friendly interfaces using Angular, TypeScript, HTML5, and CSS3, improving user interaction and engagement.
- Built responsive and dynamic interfaces with Bootstrap and Angular Material, enhancing mobile responsiveness.
- Integrated RESTful APIs, reducing data retrieval time and improving overall system performance.

#### Ledger Chimp - Financial Management Platform

- Built scalable APIs and microservices using Java and Spring Boot, optimizing system performance during high transaction volumes.
- Developed user-friendly interfaces with Angular, improving user retention and overall experience.
- Optimized Azure SQL Server and MySQL Flexible Server databases, reducing query processing times.
- Conducted unit testing to ensure code quality, achieving high test coverage and reliability.

## EDUCATION

University of Ruhuna, Sri Lanka

2020 - 2024

### BICT (Hons) - Bachelor of Information & Communication Technology

GPA: 3.20/4.00

Lumbini College, Colombo 05

2018

### GCE (A/L) Examination

Technology Stream (SFT - B, ET - B, ICT - C)

Z-Score 1.487

# KEY PROJECTS

University of Ruhuna  
2023 (undergraduate)

## Automated Theorem Proving for Congruence of Triangle

**Technologies:** Google Cloud Vision API, Roboflow, OpenCV, Regular Expression, Custom Algorithms

- Built a web-based tool that extracts geometric data from images using Google Cloud Vision API and Roboflow.
- Applied OpenCV for image processing to identify shapes and Regular Expression for extracting and analyzing text from the images.
- Suggested the correct theorem based on extracted data, streamlining the verification process and enhancing overall accuracy.

## Web-based Inventory Management System

**Technologies:** Spring Boot, Angular, MySQL

- Built a comprehensive system for managing inventory, improving tracking accuracy and efficiency.
- Integrated real-time data updates, streamlining inventory checks and minimizing stockouts.

## Hostel Complaint Management System

**Technologies:** Spring Boot, Angular, Advanced Database Technologies

- Developed a complaint tracking system that improved response times and issue resolution.
- Implemented an automated notification system for better communication and faster resolution.

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# CERTIFICATIONS & ACHIEVEMENTS

University of Moratuwa  
2024

**Python for Beginners**

CISCO Network Academy  
2022

**Introduction to Cybersecurity**

Faculty of Science, University of Ruhuna  
Participant | 2024

**INSURGEX 1.0**

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# EXTRACURRICULAR ACTIVITIES

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|-------------------------|--|
| <b>Junior Treasurer</b> | ICT Society, University of Ruhuna   2023-2024            |
| <b>Committee Member</b> | ICT Society, University of Ruhuna   2022-2023            |
| <b>Team Member</b>      | Faculty Badminton team, University of Ruhuna   2022-2024 |

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# REFERENCES

**Prof. P. K. S. C. Jayasinghe**  
Faculty of Technology, University of Ruhuna / Dean  
**Phone:** +94 71 405 1398  
**Email:** subash@ictec.ruh.ac.lk

**Mrs. R.D.N. Shakya**  
Department of ICT, University of Ruhuna / Lecturer (Probationary)  
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