Buddhi Chanuka Jayashan

Software Engineer

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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.

BICT (Hons) - Bachelor of Information & Communication Technology

EDUCATION

University of Ruhuna, Sri Lanka

2020 - 2024

GCE (A/L) Examination

Lumbini College, Colombo 05

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

2018

Z-Score 1.487

GPA: 3.20/4.00

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.

CERTIFICATIONS & ACHIEVEMENTS

University of Moratuwa Python for Beginners

2024

CISCO Network Academy Introduction to Cybersecurity

2022

Faculty of Science, University of Ruhuna INSURGEX 1.0

Participant | 2024

EXTRACURRICULAR ACTIVITIES

Junior Treasurer ICT Society, University of Ruhuna | 2023-2024

Committee Member ICT Society, University of Ruhuna | 2022-2023

Team Member Faculty Badminton team, University of Ruhuna | 2022-2024

REFERENCES

Prof. P. K. S. C. Jayasinghe

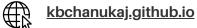
Faculty of Technology, University of Ruhuna / Dean Department of ICT, University of Ruhuna / Lecturer (Probationary)

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