



MADHUBHASHANA MAHINDARATHNA


Associate Software Engineer


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SUMMARY

I am a recent graduate seeking a Full-time Associate Software Engineer position. Experienced in developing scalable back-end solutions using ASP.NET Core, PostgreSQL and MySQL. Proficient in building web applications with ASP.NET Core and React, with a strong understanding of Agile methodologies and version control systems (Git).

WORK EXPERIENCE

Nanosoft Global (Pvt) Limited

Aug 2024 – Present

Intern Software Engineer (Full-time)

- **MISCOOP-Service:** Played a pivotal role in enhancing cooperative management systems by developing efficient back-end features and optimizing overall system performance.
Tech: ASP.NET Core, Next.js, PostgreSQL, Seq
- **SMS Mate:** Contributed to strengthening the back-end architecture of SMS Mate at Nanosoft Global (Pvt) Ltd, a powerful messaging platform for campaign management, with a focus on improving message delivery efficiency, system scalability, and reliability.
Tech: ASP.NET Core, React.js, MySQL, Keycloak, Seq
- **Spend Wise:** Designed a financial management application to help users track, analyze, and manage their expenditure effectively. This application leverages the best of modern web technologies to provide an intuitive user experience while maintaining reliability in data handling and reporting.
Tech: ASP.NET Core, Next.js, MySQL, Seq

EDUCATION

Bachelor of Information and Communication Technology (Hons.)

2020 - 2024

University of Ruhuna

Matara, Sri Lanka

Department of Information and Communication Technology

Faculty of Technology

University of Ruhuna, Sri Lanka

SKILLS

Languages / Frameworks: ASP.NET Core, Spring Boot, Java, React, Angular, JavaScript, Python, PHP, MySQL, PostgreSQL, KeyCloak, Bootstrap

Development Tools & Platforms

- **Version Control:** Skilled in Git and GitHub for efficient version control and collaborative development
- **IDEs/Code Editors:** Experienced with Visual Studio, VS Code, IntelliJ IDEA, PyCharm, Google Colab, NetBeans

UNIVERSITY PROJECTS

Research Project

April 2024 – Dec 2024

Automated Identification of Compound Nouns in Sinhala using Natural Language Processing

[Python, Natural Language Processing, POS Tagging, Machine Learning, Pandas, NLTK]

Inventory Management system for Monara

Feb 2023 – April 2023

Created an Inventory Management System for Monara, an interior design company, to streamline the tracking of materials and furnishings. The system offers real-time updates, automated stock alerts, and detailed reporting, enhancing efficiency and reducing errors. [Angular, Spring Boot, MySQL]

Hostel Management System

Sep 2023 – Nov 2023

Developed a Hostel Management System for Faculty of Technology University of Ruhuna. The system provides a comprehensive solution for managing hostel operations, including room assignments, student records, and billing. It features a modern, user-friendly interface with real-time updates and robust data management capabilities.

[Angular, Spring Boot, and MySQL]

Student Management system

Feb 2022 – April 2022

Developed a Student Management System using Java and MySQL to efficiently manage student records, including enrollment, grades, and personal information. The system features a user-friendly interface for administrators and students, robust data handling with MySQL, and reliable performance for managing educational data [Java, MySQL]

RMI Chat Application

Feb 2023 - April 2023

Developed an RMI Chat Application using Java, Hibernate, RMI, the Observer design pattern, and MySQL. The application features real-time messaging capabilities with a robust backend for managing user interactions and data persistence, offering a scalable and efficient chat solution. [Java, Hibernate, RMI, Observer design pattern, MySQL]

EXTRA CURRICULAR ACTIVITIES

- Member of Media Unit, Leo Club of University of Ruhuna
- Member of Leo Club of Galle
- Member of Mentor Team-Batch 04
- Member of Badminton Team
- Member of ICT Society of University of Ruhuna
- Member of Carrom Team University of Ruhuna

ADDITIONAL

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

Achievements:

- **Best Media Member of the Month** – August of 2023
- **INSURGEX 1.0:** Participated in INSURGEX 1.0, an event organized by the Faculty of Science, University of Ruhuna, contributing to its success.
- **CODEFEST 2023:** Engaged in CODEFEST 2023, organized by the Faculty of Computing, Sri Lanka Institute of Information Technology, showcasing technical skills and teamwork.
- **Introduction to Cybersecurity Certification**



REFERENCES

Mr. K.P.S.S. Pathirana
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Nanosoft Global (pvt) Ltd,
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