

SAMEEPA BADHUGE

DevOps Engineering Intern

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PROFESSIONAL SUMMARY

Motivated ICT undergraduate at Uva Wellassa University with hands-on experience in full-stack development using Java Spring Boot, React Native, MERN, and .NET technologies. Skilled in building scalable web and mobile applications with robust database and API integration. Familiar with DevOps practices, including CI/CD pipelines, Docker, Jenkins, automation, and cloud deployment (Azure). Seeking a **Software Engineering or DevOps Internship** to contribute to innovative software solutions and automation-driven workflows while gaining practical industry experience.

PROJECTS AND EXPERIENCE

University Medical Center File Management System-MERN STACK

March 2025

- **Role:** UI/UX Designer & Documentation
- **Tech:** MERN Stack (MongoDB, Express.js, React, Node.js)
- Designed a web-based medical file management system to digitize and securely manage student health records
- Replaced paper-based workflows with centralized digital storage and faster data retrieval.
- Improved operational efficiency by reducing record lookup time and minimizing duplicate entry
- Collaborated in a team environment using Agile and Git-based workflows.

Quiz-Master -Online Quiz Management System

Nov 2025

- **Role:** Full-Stack Developer
- Developed an online MCQ quiz platform to replace manual paper-based assessments.
- Implemented role-based access for teachers and students.
- Built responsive UI and optimized backend APIs for usability and performance.
- Ensured secure data handling and result storage.

EMS - Education Management System Web App

Dec 2025 Present

- **Role:** Full-Stack Developer
- **Tech:** .NET, C#, SQLite, Git
- Secure role-based authentication; teachers manage classes while students and parents view academic progress.
- Built with ASP.NET Core (.NET 8), Entity Framework Core, and SQLite; responsive Bootstrap UI; deployed on Azure.
- Technologies: C#, ASP.NET Core MVC, EF Core, SQLite, HTML, CSS, Bootstrap, Azure Solves the problem of manual attendance tracking by automating data storage, retrieval, and reporting.

CI/CD & DevOps Practice Project

Dec 2025 Present

- **Tech:** Jenkins, Docker, Kubernetes, Azzure, SonarQube, GitHub
- Created CI/CD pipelines with Jenkins and Dockerized applications
- Deployed services on Kubernetes and Microsoft Azure.
- Added automated code-quality checks using SonarQube

Smart City Issue Reporting System -Web Application

Dec 2025 present

- **Role:** Full-Stack Developer
- **Tech:** Java Spring Boot, React, SQLite, Git
- Implemented role-based access for Public Users, Staff, and Admin
- Developed dashboards for tracking issue status from reporting to completion

Serve-Lanka - Service & Job Marketplace App (React Native)

Nov 2025 Present

- **Role:** Mobile App Developer
- **Tech:** React Native, Node.js, Express.js, Firebase, JWT, JavaScript, Tailwind CSS
- React Native mobile app connecting users and service providers via map, searchable posts, and a home wall feed.
- Secure Node.js/Express backend with JWT authentication and Firebase integration, responsive interface with Tailwind CSS.
- Implemented secure authentication, profile management, and real-time service/job listings using Firebase.

EDUCATION

Bachelor of Information and Communication Technology (Hons)

Nov 2023 Present

- CGPA: 3.52 / 4.00 Languages
- Core studies: DSA, OOP, DBMS
- Technologies: Java, C, C#, .NET, React Native, MERN
- Concepts: SDLC, Agile, SQA, Cloud Computing, UI/UX

TECHNICAL SKILLS

- **Programming & Scripting:** Java , JavaScript , C , C# , SQL , Python , HTML , CSS
- **Frameworks & Platforms:** Spring Boot , React , React Native , MERN Stack , .NET
- **Databases:** MySQL, MongoDB ,SQLite
- **DevOps & Tools:** Git , GitHub , Docker , Jenkins , Linux , Postman , Microsoft Azure
- **Soft Skills:** Team Collaboration , Problem Solving , Analytical Thinking , Communication , Time Management , Adaptability

CERTIFICATIONS

- Introduction to Career Skills in Software Development by LinkedIn
- Docker Level 1 by KodeKloud Engineer
- Linux Level 1 by KodeKloud Engineer
- Jenkins Level 1 by KodeKloud Engineer
- Python for Beginner by University Moratuwa
- Web Design for Beginner by University Moratuwa

EXTRACURRICULAR ACTIVITIES

- **Volunteering Experience:** Technical Team Member - INNOVATEX (MS Club of Uva Wellassa University)
- **Member of MS club**

REFERENCES

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