

Nimesha Yasith

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 Nimesha Yasith |  nimeshayasith

Beruwala, Western Province - 12070, Sri Lanka

PROFILE

I am a dedicated and passionate computer engineering undergraduate at the University of Ruhuna with a strong enthusiasm for Backend and devops developer. I possess comprehensive skills in web and mobile app development, and I thrive on creating innovative solutions that combine technical proficiency with creative design...








EDUCATION

- Computer Engineering UG, University of Ruhuna, Galle 03/2022 – Present
- GCE Advanced Level ABC (2020)

TECH STACK

- **Web Development:** MERN, Java with Spring Boot, Node.js
- **Mobile Development:** Flutter, Firebase
- **Database:** MongoDB, MySQL, Firebase, Neo4J
- **Docker tools:** Linux, Docker, Jenkins,

PROJECTS

- **Project A: Stress Management System - Calm Mind (Web and Mobile)** Mar 2024 - Ongoing    
Tools: Node.js, React, Flutter, Render, Jira, Figma
 - CRUD operations with time management tools, admin panel for backend management.
 - Integrated same backend for both web and mobile applications using Node.js and Flutter.
 - Used project management tools like Jira to meet deadlines effectively.
 - Improved user experience through UI/UX design in interactions.
- **Project B: AntiSleep Alarm and smart glasses for blind peoples(Eminance 2024)** May 2023 - Aug 2023 
Tools: Arduino nano board, IR sensor, buzzer, Ultrasonic Sensor
 - with Arduino, Fall asleep while learning and driving (problem), IR sensors to detect reflected radiations the eye and use that signal to emit a sound if the user has fall asleep
 - without Arduino,if the driver fall asleep while driving, A noise indicating system starts to generate a noise and keep the driver awake
 - check knowledge of coding challenges and Networking concepts
- **Project C: Personal Finance Tracker** May 2023 - Aug 2023 
Tools: css, html, github, java script
 - Designed a web application to help users track income, expenses, and manage budgets effectively.
 - Introduced event reminders and expense categorization features, simplifying financial planning.
- **Project D: Student Registration System** Jun 2023 - Sep 2023 
Tools: C#, Windows Forms, MVVM Pattern, SQLite
 - Developed as a desktop application for student management
 - Login screen, CRUD operations, Business logic implementation, Dashboard.

• Project E: IPL Win Prediction(Machine Learning)

Aug 2023 - Nov 2023 [🌐]

Tools: Python, Scikit-Learn, Logistic Regression, Random Forest

- model to predict the outcome of IPL matches based on historical data from 2008 to 2024.
- Implemented Logistic Regression and Random Forest algorithms to classify match outcomes.
- Achieved a prediction accuracy of over 80

• Project F: Online Quiz App

Nov 2023 - Feb 2024 [🌐]

Tools: Java, Spring Boot, MySQL, React

- Designed an online quiz application with dynamic quiz creation and real-time result tracking.
- Developed the backend using Spring Boot and MySQL to handle user authentication, quiz data storage, and result computation.
- Built a responsive front-end with React to provide users with a seamless quiz-taking experience.

STRENGTH

- **Positive Thinking:** Maintains a positive mindset and handles difficult situations effectively.
- **Team Player:** Successfully leads projects and Competitions teams to completion.
- **Problem Solver:** Enjoys working on solutions to new problems using emerging technologies.
- **Creativity:** Passionate about creating innovative and creative solutions.

VOLUNTEER EXPERIENCE

• Organizing Committee Member-Xbotics competition

Aug 2023 – Oct 2023

- Coordinated with school category team and managed arrangements for events.
- Enhanced teamwork and event organization skills.



• Technical Team Member- Axiom coding challenge competition

Sep 2024 – Oct 2024

- Designed and reviewed technical challenges for the competition.
- Provided technical support during live event sessions.



• Volunteer Member- Mehewara

March 2023 – March 2024

- related to the University program.
- help O/L students in the district



REFERENCES

Dr. Kushan Sudheera

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University of Ruhuna.

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DECLARATION

I hereby declare that the above-mentioned information is correct to the best of my knowledge, and I bear the responsibility for the correctness of the above information.