Kavinda Sandamal

Computer Engineer Undergraduate

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SUMMARY

I am an adaptable, self-motivated undergraduate with a responsible approach to any task I undertake. I have strong communication skills and am a good team player. I am adept at handling pressurized situations. Seeking opportunities to contribute technical expertise and enhance software development processes as a Software Engineer.

EDUCATION

University of Ruhuna, Faculty of Engineering   Galle, Sri Lanka
B.Sc. (Hons) Engineering 3rd year undergraduate, Department of Electrical and Information   *2021 - 2026*

TECHNICAL SKILLS

Languages: Java, JavaScript, C, C++, Python, Dart
Web Development: HTML, CSS, ReactJS, NodeJS, ExpressJS
Mobile App Development: Flutter, Dart
Database: MySQL, MongoDB, Firebase
Frameworks: Selenium/Selenide
Developer Tools: Git, Docker, Google Cloud Platform, Maven/Gradle

PROJECTS

Faculty Maintenance Management System (Ongoing)   2023 - 2024
A project which streamlines and automate the maintenance processes within the faculty.
- Web application for reporting, tracking, and managing maintenance requests.
- Technologies - MERN Stack, QA Testing, Jira, ReactJS, NodeJS, ExpressJS
- Use Selenium for QA automation testing.
- Use Agile project management throughout the development period(use Jira for project management)

Assignment Management Web Application   2023
Developed a website for student's assignment managing and marking
- Technologies - MERN Stack, ReactJS, NodeJS, ExpressJS

QR Based Attendance Management System Mobile Application   2023 - 2024
Developed a functional app for faculty-student attendance collecting and managing.
- This app use QR scan technology to mark the attendance and lectures can see the number of attendance and other details.
- Technologies - Flutter, Firebase, Dart

Parkinson's Disease detection   2024
A machine learning project to detect Parkinson's Disease
- Use Kaggle for the database
- This is a python based ML project and here we use Decision Tree as our algorithm.
- Technologies - Python, Google Colab

Student Management System   2023
Consoled based project which user can perform simple crud operations.
- Technologies - C sharp, Visual Studio

Student Registration System   2023
CRUD operation app using WPF
- A project which provides role-based access control with distinct privileges for admin and normal users CRUD operations implemented for managing entities.
- Technologies - WPF, SQLite, xUnit, Fluent Assertions

Non-Technical Skills

Leadership Skills
Team Working
Communication Skills
Creativity
Management Skills

References

Dr. Rajitha Udawalpola
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