JAYANITHYA MADHUSHANI

SOFTWARE ENGINEER

(+94) 76 560 7953 | jayanithyamadhushani@icloud.com | Anuradhapura , Sri Lanka |

PROFILE

A responsible, self-motivated, skillful, dedicated undergraduate with real spirit and leadership qualities who is willing to accept challenges, seeking an opportunity as a Software Engineer to apply and explore the existing and forthcoming technologies in the field of information technology.

SKILLS

Programming languages	Frameworks	Database	IDEs	Other
• Java	• ReactJs	• MySql	• CLion	• Git
• Python	• Node Js	• MongoDB	• Visual Studio	• VS Code
• C	• Next JS	• MS Sql	• IntelliJ IDEA	• Jira
• JavaScript	• Angular	• PostgreSQL	• VS Code	• Photoshop
• GoLang	• .Net	• Redis		• Premiere Pro
• TypeScript	• Tailwind CSS			• Docker
	• Hyperledger Fabric			• Figma
				• GitHub

EXPERIENCE

Associate Software Engineer , X-ONT Software (Pvt) Ltd   July 2024 – September 2024

- Enhanced core product components using ASP.NET and Angular, ensuring alignment with business requirements.
- Developed new features and optimized system performance through code refactoring and database tuning.
- Improved user experience by redesigning UI workflows and implementing responsive design.
- Managed MS SQL Server databases and generated business intelligence reports via Crystal Reports.
- Collaborated with teams to troubleshoot technical issues and reduce system downtime.

Software Development Intern , X-ONT Software (Pvt) Ltd   Jan 2024 – June 2024

- Maintained and enhanced legacy components using ASP.NET, implementing feature upgrades and bug fixes.
- Developed responsive UI modules with Angular and optimized MS SQL scripts for efficient data operations.
- Supported Crystal Reports integration and agile sprint deliveries to meet project deadlines.

PROJECTS

MERN Job Portal : Full-Stack Developer

- Job search platform with employer posting capabilities.
- Firebase authentication for secure user management.

  Technologies: React, TailwindCSS, Node.js, Express.js, MongoDB.

  Repository: github.com/MERNJobPortal

EveM Event Management Software: Full-Stack Developer

Level 02 Software Project

- System that automates event planning & coordination by replacing the traditional method of using excel sheets.
- Contribution - UI design with figma, frontend development, API integration, backend development

  Technologies: ReactJS, ASP.NET, MS SQL

Event Management and Ticketing System: Full-Stack Developer (Ongoing)
- Event management and ticket booking app for attendees and event organizers.
- Features - event management, event search, and ticket purchasing.

    Technologies: ReactJS, Tailwind CSS, Firebase, GoLang, PostgreSQL, Docker

    Repository: github.com/Eventify

Blockchain-Based Tea Bidding System (Ongoing)

Final Year Research Project
- The Blockchain Component using Hyperledger Fabric for a distributed tea supply chain.
- Implements smart contracts (Chaincode) in GoLang for bidding, quality verification, and ownership transfers.
- Optimizes consensus mechanisms (Raft/SBFT) and Redis caching to enhance scalability and performance.

    Technologies: Hyperledger Fabric, GoLang, Docker, Redis, Node.js, REST APIs, Git, Postman.

EDUCATION

Bachelor of Science Honours in Information Technology & Management   2021 - 2025

University of Moratuwa, Sri Lanka
- CGPA - 3.21

G.C.E. Advanced Level Examination   2019

Central College Kekirawa
- Commerce Stream | ICT-A, Accounting-A, Econ-A | Distrtict Rank 05

G.C.E. Ordinary Level Examination   2016

Central College Kekirawa
- 8 Distinction Passes & 1 Credit Pass

CERTIFICATION

- ASP.NET Core Foundation - Coursera
- Web Design for Beginners - CODL University of Moratuwa
- Python for Beginners - CODL University of Moratuwa
- Introduction to HTML - Sololearn

VOLUNTEERING & LEADERSHIP

- Designer at SEDS Mora
- Designer at UoM INTECS
- Video Editor at Rotaract Club of University of Moratuwa
- Graphic & Video Designer at Visual Room
- Senior Prefect, Central College Kekirawa (2018 - 2019)
- Junior Prefect, Central College Kekirawa (2016 - 2018)
- Batch Representative, Faculty of Information Technology (2nd Year)

REFERENCES

Available upon request.