MADUKA SENAVIRATHNA
Associate Software Engineer

CAREER OBJECTIVE

My goal is to establish a prosperous career in an innovative company where I can use my abilities and creativity. I'm excited to work on worthwhile projects with a team that values creativity and achievement while also constantly learning and developing.

TECHNICAL SKILLS

PROGRAMMING LANGUAGES :

- JAVASCRIPT
- TYPESCRIPT
- REACT.JS
- NODE.JS (EXPRESS.JS)
- JAVA

STYLING :

- TAILWIND CSS
- BOOSTRAP

DATABASES :

- MYSQL,
- MONGODB
- FIREBASE

VERSION CONTROL :

- GITHUB
- SVN

CONTACTS

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📍 **Address** : E3, Isurupura, Malabe

🎓 EDUCATION

Sri Lanka Institute of Information Technology (SLIIT)
2019 – 2023

BSc (Hons) in Information Technology
Specialization in Information Technology

G.C.E. A/L – 2018
Madatugama Sri Rewatha college

ICT   – C
Engineering Technology   – C
Science for Technology   – C

💼 WORK EXPERIENCE (1+ YEAR WORK EXPERIENCE)

NOVA SOLUTIONS (PVT)LTD
Associate Software engineer (Contract)
📅 **June /2024 - Present**

Implemented the fully responsive frontend of "Tagsmate," a SaaS platform with over 17 pages and 4 dashboards. I utilized React Query for data fetching and caching, Axios for HTTP requests, and ensured type-safe code by implementing TypeScript. For styling, I employed TailwindCSS and integrated Ant Design for seamless UI components. API responses were validated using Zod schemas. All development and collaboration were managed through GitHub for version control.

Technologies : React.js | TypeScript | TailwindCSS | React Query | Axios | Zod | GitHub.

EXEVE (PVT)LTD
Trainee Software engineer
📅 **August / 2023 – February / 2024**

- Developed Employee management system using **MERN** Stack
- Created Silkworm, a website, utilizing **wordpress** (silkworm.exeve.global)
- Developed the Silkworm website's back end using **Strapi**
- Developed a Disney website clone using **React.js** (git hub)
- Developed a Disney website clone using **Next.js** (git hub)

CERTIFICATES

- Modern JavaScript
- React.js
- .NET Fundamentals
- Amazon Services
- AWS EC2
- Cloud Security

SOFT SKILLS

- Coding in multiple languages
- Problem solving
- Teamwork
- Time management
- Agile development methodoloies
- Self learning

REFERENCES

AKHILA SHALINDA WIJESUNDARA
CEO & Co-founder,
Nova Solutions

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Dr. NUWAN KODAGODA
Head/Department of Computer
Science and Software Engineering,
Assistant Professor, Department of
Computer Science and Software
Engineering, SLIIT | Malabe Campus

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BELLVANTAGE (PVT)LTD / MELSTASOFT
Intern Software engineer

📅 **July /2022 - January / 2023**

Employee Management System for Sri Lankan government Manpower

- Designed class diagrams to establish a solid foundation for the project's structure.
- Developed the entire back-end for system using **ASP.net core, MVC architecture.**
- Front-end using **blazor.**
- Gained experience in test case writing , including Unit Testing and Integration Testing.
- Worked with Agile methodologies (SCRUM).

Data Migration DCSL Company System

A/S 400 DB to **MySQL** server

INDIVIDUAL PROJECTS

Inventory control System

- Developed a fully integrated inventory control web application for process supermarket.(**github**)

  Technologies: React.js | Express.js | node.js | MYSQL

Pharmacy Management System

- Developed a backend application for an online pharmacy administration system Owners, managers, and cashiers all had their operations expedited by the system, which also reduced manual work and increased corporate productivity(git hub)

  Technologies: node.js | mongoDB

Patient management system

- Patient management system was created using **Node.js, Express.js, SQL** (git hub)

  Technologies: node.js | React.js

RESEARCH PROJECT

Artificial intelligence and Machine learning based King Coconut Assistant for Farmers and Exporters

Final year Project

- A mobile application is being developed for king-coconut grown farmers and export buyers to easily carry out their cultivation and export activities without any problem. using Predict the export details and give future solution, Growing Detection and given solutions, Diseases Detection and given solutions, FAQ and Manage Feedback and Contact byers and suppliers

  Technologies: Python | Flutter | AWS