

# 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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### 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](https://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 methodologies
- Self learning

## **REFERENCES**

### **AKHILA SHALINDA WIJESUNDARA**

CEO & Co-founder,  
Nova Solutions

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### **Dr. NUWAN KODAGODA**

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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