Nilanka Jayalath

Full-Stack Developer

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🔗 https://github.com/nilankajayalath

💼 https://nilankajayalath.github.io/portfolio/

About Me

I'm Self–motivated person , an enthusiastic undergraduate pursuing a degree in Software Engineering. With a strong passion for MERN–Stack web development, I thrive on creating innovative and efficient web solutions. My quick learning ability allows me to adapt to new technologies and concepts swiftly, ensuring that I stay at the forefront of industry trends. Motivated and positive, I approach every challenge with a can–do attitude and a commitment to excellence. I'm excited to contribute my skills and energy to projects that make a difference.

Technical Skills

- **Front-End Development -** ReactJS , Tailwind CSS , Bootstrap , JavaScript, HTML , CSS

- **Back-End Development -** NodeJS , ExpressJS , PHP

- **Database Web and App Servers -** MongoDB , MYSQL

- **Others -** MVC Architecture , Data Structures & Algorithm , Restfull API , Git , GitHub , Jira

Projects

- ### Developed a Travel & Tour Booking website

  Using **MongoDB, ExpressJS, ReactJS, NodeJS** to create a seamless and efficient website. The key features of this innovative website include :

  - Responsive design for optimal performance across all devices.
  - Booking of any tour for a particular date.Simple and user-friendly interface for effortless navigation.
  - Still leveraging RESTful API integration for fast, efficient back-end communication.

- ### Developed a dynamic Blog App

  Using **MongoDB, ExpressJS, ReactJS, NodeJS, JWT Authentication** secure and seamless user access. Implemented responsive design, real-time updates, and user-friendly interface. Enhanced user engagement with intuitive navigation and interactive features. and backend integration with API.

Developed a Real time Chat App

Using **MongoDB, ExpressJS, ReactJS, NodeJS, Socket.io .** This app is designed to make communication seamless and engaging with :

- Authentication && Authorization with JWT
- Real-time messaging with Socket.io Online user status (Socket.io and React Context)

Developed a Gym Management Application

Using **MongoDB, ExpressJS, ReactJS, NodeJS, JWT Authentication** with integrated email functionality. Key features :

- Secure login and registration with JWT Workout Plans & Class Scheduling.
- Automated emails for class reminders and updates using Node mailer.
- Developed RESTful APIs to handle user data, authentication, and scheduling.
- Implemented email notifications to keep users informed and engaged.

Other projects are available on GitHub

Education

Undergraduate

- **BSc(Hons) in Software Engineering at Saegis Campus | 2022 - present**

Advanced Level

- **Taxila Maha Vidyalaya | 2019 - 2022**

Certificates

- **Web Design for Beginners -** University Of Moratuwa
- **Front-End Web Development -** University Of Moratuwa
- **Server - Side Web Programming -** University Of Moratuwa
- **API Fundamentals Student Expert -** POSTMAN API

Referees

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