Shermal Marasinghe

Full Stack Developer

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GitHub: github.com/ShermalM   **Portfolio :** shermalm.github.io

Profile

A full-stack developer with experience in the development and deployment of web applications. Skilled in both back-end and front-end development using a variety of programming languages and technologies.

Experienced in developing applications using Nodejs, MongoDB, HTML, CSS, and JavaScript. Well-versed with Vue, and familiar with React as well.

Languages

C	Java
Python	HTML/CSS/XML
JavaScript	SQL
PHP	

Tech Stack

Node.js	Vue
React	Firebase/MongoDB
Bootstrap	jQuery/ jQuery UI
Oracle	MySQL/MSSQL Server
Jira	

Operating Systems

Windows	Linux
Android	Ubuntu

Certifications

:: JavaScript, PHP, and JQuery Certificates by SoloLearn   February – April 2020

:: Azure Fundamentals AZ 900 Certificate by Microsoft   March 2021

Education

- **Advanced Diploma** : **Computer Engineering Technology** - 2021 (GPA 3.67 / 4.0)
  Humber College, Toronto, CA

Projects

- **Natours (2022)**
  - Built a web application and RESTful API using Node.js and Express, following the MVC architecture.
  - Connected to MongoDB Atlas Database, using Mongoose, in order to store and access data remotely.
  - Utilized Stripe API to handle payments, so that users can then make bookings.
  - Utilized Nodemailer and SendGrid to send users a Welcome email once they make an account.
  - Server-side website rendering using Pug templates.
  - Maintained on a GitHub repository.
  - Deployed on Heroku PaaS.

- **Find a Coach (2022)**
  - Developed a Single-page application using Vue.
  - Connected to Firebase Realtime Database, in order to store and access data remotely.
  - Utilized Firebase to handle authentication with Email/Password Sign-in, and to host the application as well.
  - Maintained on a GitHub repository.

- **Online File Explorer (2022)**
  - Created an Online File Explorer web application.
  - Built the base template using HTML and Bootstrap.
  - Used pure Node.js to create the server and give it functionality, which includes allowing the user to browse through the different items, view them, and rearrange them by Name, Size, and Last Modified time.
  - Maintained the application on a GitHub repository.
  - Deployed on Heroku PaaS.