Gayal Perera   Software Engineer

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SUMMARY

I am a software engineer with a background in consulting services through the industrial hygiene industry. I honed my data analysis skills and developed a methodical mindset when creating reports of my evaluations in order to meet client expectations. As a developer I apply a meticulous approach to learning new coding languages and implementing various code through documentation in order to carefully create functional applications with a lasting experience for the user.

SKILLS & INTERESTS

- **Skills:** HTML, CSS, Javascript, Bootstrap, jQuery, Node, Express, React, MongoDB, Mongoose, PostgreSQL, SQL, AJAX, Axios, Django, Python, Git/Github, RESTful APIs
- **Interests:** grilling, fishing, kayaking, canoeing, gaming, making game mods

WORK EXPERIENCE

General Assembly   **Mar 2021 – Jun 2021**
Software Development Fellow   *Online*

Three-month project based Software Engineering program that provided experience with latest industry languages and best practices. Built four single-page applications utilizing version control through Git and Github.

Featured Project: **BirdSpotter** (Capstone) Site - Client Repo - API Repo

- Full-stack application with RESTful API where users can record and share bird sightings in their area. Users can input the bird's common and scientific name, the location of where they spotted the bird, and a link to the bird's picture. Users can also view, update, or delete their sightings and view other user's bird sightings.
- Technologies: Javascript, HTML, CSS/SASS, Bootstrap, jQuery, Express, MongoDB, Mongoose

Featured Project: **The Hopeful Emporium** (Group project) Site - Client Repo - API Repo

- Full-stack eCommerce application with RESTful API made in collaboration with two other developers.
- Utilized an agile methodology by preparing a Trello board to outline functionalities that need to be completed and had morning stand up meetings with each member being the scrum master for each day of the project. Led the group as head API developer for the duration of the project as well.
- Users can sign into the site, create an order and also view, update, or get a refund on their order.
- Technologies: React, Javascript, HTML, CSS/SASS, Bootstrap, Express, MongoDB, Mongoose

Featured Project: **Would You Rather** Site - Client Repo - API Repo

- Full-stack application that allows users to create, update, delete, and view their own or all user's would-you-rather questions.
- Technologies: Javascript, HTML, CSS, jQuery, Express, MongoDB, Mongoose

Featured Project: **Tic-Tac-Toe** Site - Client Repo

- An in-browser tic-tac-toe game that can be played between two players.
- Technologies: Javascript, HTML, CSS, Bootstrap

Global Inc.   **Mar 2016 – Mar 2019**
Junior Industrial Hygienist   *Washington, DC*

- Identify, record, and collect samples of hazardous materials in commercial or private buildings and report findings in reports that were sent to clients.
- Lead safety meetings with building contractors that centered around the procedures of handling hazardous materials and their removal.
- Provided oversight to hazardous material removal teams to make sure they followed state standards and protocols.

EDUCATION

General Assembly   *Remote*
Software Development

University of Delaware
Concentration: Biochemistry   *Newark, DE*