Ethan Borg

Milton, Ontario, Canada

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SKILLS

React, Next.JS, Sails.js, JavaScript, HTML, CSS, Java, Python, MongoDB, Google Cloud Platform, Figma, Agile Methodologies, Problem Solving, Data Structures, Jira, MySQL, PostgreSQL, Linux, Jira, Git, REST API's

WORK EXPERIENCE

Purchs   **July. 2024 - Present**
Software Engineer   *Remote*

- Created B2B e-commerce web-application from scratch using **Next.js** and **Sails.js** alongside **MongoDB** to have a full-stack project that is easily connected via built **REST APIs** and Sails waterline ensuring proper permission checking and error handling.

- Allowed approved vendors to have many features such as the ability to upload their products, connect to customers, define a service area, and fulfillment setting. Creating bulk upload functionality with excel sheet parsing to increase rate of the user's data upload by 60%.

- Developed Merchant dashboard to connect to their vendors, whether they were already on the platform or being invited via email link to join, browse vendor products, and place orders.

- Responsible for setting up virtual machines for staging and production environments on **Google Cloud Platform** for both frontend and backend, while maintaining as needed to meet testing and release deadlines.

- Securely applied API tokens from Google APIs to further enhance the site with Geocoding and address autocomplete functionality resulting in a better UX for each user.

Ivey Business School   **Sept. 2023 - Apr. 2024**
Research Assistant   *London ON, Canada*

- Working alongside Dr. Sergio Lazzarini, a multiple research award recipient, adding features to further develop the software application. A project aimed to optimize "Theory of Change" models, resulting in an 80%-time reduction for theory evaluation.

PROJECTS

Personal Website (URL – ethanborg91.github.io)

- Created a personal website containing information about myself, my hobbies, and projects.

- Created using the languages of HTML and CSS while hosted on GitHub pages.

PERN Stack Todo List

- Created an application that would allow the user to create, edit, and delete Todo list tasks using the PERN stack (PostgreSQL, Express.js, React, Node.js).

- Utilized RESTful APIs built with Express.js to handle CRUD operations which are displayed to the client side with ReactJS and data storage with PostgreSQL.

EDUCATION

University of Western Ontario · Honors Specialization in Computer Science   **Sept. 2020 – Apr. 2024**

- **Courses:** Network Security, Operating Systems, Data Structures, Databases, OOP in C++
- Scholarship of Distinction (HS avg. > 92%), 2022-2024 Dean's Honor List, IBM Z Xplore Extended Badge