GURSHAN JHINGER

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EDUCATION

Simon Fraser University   September 2018 - Expected December 2022
BASc Computer Science   *Burnaby, British Columbia*

RELEVANT EXPERIENCE

PixlWorks Productions - Software Developer Intern   January 2022 - April 2022
HTML/CSS, ReactJS, NodeJS, Express, GraphQL, graphql-request, axios, Heroku   *Vancouver, B.C.*

- Developed a full-stack software solution from the ground up to tackle PixlWorks' growing bottleneck relating to the main service they provide to customers. This solution allowed the capacity of customers that PixlWorks could serve at any one time to increase from the previous limit of 150 to a new limit somewhere in the thousands/ten-thousands.
- Implemented an intuitive user interface to guide users through the application for mobile/desktop platforms allowing users to access needed resources quickly and with minimal interactions.
- Utilized a NodeJS/Express backend to hide important business logic, and also wrote mutations/queries for a GraphQL API provided by a 3rd party storage platform used by PixlWorks.
- Consulted clients/supervisors regarding important design decisions to implement and followed an Agile (Scrum) methodology for an iterative development process through the lifecycle of the project.
- Transitioned to a second team primarily working with HTML/CSS/ReactJS developing components for an internal company application - designed and implemented the user interface while prioritizing efficiency and ease-of-use for employees.

PROJECTS

RateMyClass   February 2022 - CURRENT
HTML/CSS Modules, ChakraUI, NextJS, Next-Auth, MongoDB, Figma

- Currently developing an informational hub for University and College students to rate and read ratings regarding their classes specifically from other students.
- Utilizing NextJS's file-system based routing and server side rendering for the most efficient build process.
- Integrated ChakraUI to handle icons, basic components, and responsive design for the general layout of the application. CSS modules used as well for specific layout or component changes.
- Implemented Next-Auth for a simple authentication system and MongoDB for storing comments and university-specific data.

Simple Thesaurus   June 2021
HTML, CSS, ReactJS, CSS-Styled-Components, Merriam-Webster Thesaurus API (JSON)

- Developed a clean and easy to use thesaurus application in React using the Merriam Webster API in order to collect word data to present to users.
- Applied a very minimalist and simple-to-navigate User Interface for Mobile and Desktop applications.
- Used styled-components to integrate CSS snippets directly into component files for convenience.
- Implemented simple error checking in order to guide the user when searching for words.
- Used Hooks (State), Conditional Rendering, Map Component Rendering, Prop Validation and other React features.

TECHNICAL SKILLS

- **Web Development** - JavaScript, HTML, CSS, ReactJS/NextJS, NodeJS/Express, GraphQL
- **Languages** - JavaScript, Python, Haskell, SQL, some NoSQL, some Typescript/C/C++/Java
- **Operating Systems** - Windows, Linux
- **General** - Agile (Scrum), Version Control (Git), JUnit, Selenium, VSCode, Figma