

Education

Meta, Front-End Developer | Oct 2022-Aug 2023

Course Work

Version Control

HTML

CSS

JavaScript

React

Advanced React

UX/UI Design Principles

OOP/Data Structures

Technical skills

Languages: JavaScript, Typescript, JSON, HTML/CSS

Frameworks/Libraries: React JS, Bootstrap, Tailwind CSS, Node.js, Next.js

Platforms: Visual Studio Code, Litmus

Source Control: Git, GitHub, Git Hosting/Deployment

Project Management: JIRA

Testing: Jest

Projects

Landing Page | HTML/CSS

- Developed a single page application structured with HTML and utilizing CSS flexbox to create dynamic layout
- Incorporated UX/UI principles by wireframing and prototyping page layout to ensure flexible/fluid layout for easy arrangement and alignment of content elements
- Debugged CSS elements on page utilizing browser developer tools
- Managed source code repository using GIT best practices hosting solution on GitHub

Calculator | HTML/CSS, JavaScript

- Programmed a calculator application with pure JavaScript, HTML, CSS
- Implemented Event listeners on each button to manipulate DOM tree for user click events
- Optimized code to ensure compliance with web standards for cross-platform compatibility
- Troubleshoot and unit tested logic to ensure correct calculations

Tic-Tac-Toe | HTML/CSS, JavaScript

- Designed a game web application using CSS grid for the UI to ensure a responsive design across all devices
- Developed validation logic using JavaScript to handle game mechanics and data validation
- Leveraged Object Oriented principles to structure and secure application
- Organized and performed a demonstration of the application with colleagues to ensure application completely works as expected

Astrology API | HTML/CSS, JavaScript

- Developed a client-side web application utilizing a third-party API
- Successfully implemented OpenWeatherMap API to fetch user prompted data
- Researched and acquired working knowledge of API keys and API authentication
- Implemented REST API design rules and parsed different data types into JSON responses

Shopping Cart | React, JSX, Bootstrap

- Programmed an e-commerce application using React hooks, state management, Context API
- Integrated React Router to manage the component's URL path locations for navigation
- Customized Bootstrap elements and media queries to fit the personalized design of the application
- Monitored and improved performance using React Profiler tool

Hangman | React, JSX, Typescript, Tailwind CSS

- Developed a React game application with an interactive user interface utilizing Tailwind
- Incorporated an Agile software development methodology using JIRA to increase productivity and maintain and track code items
- Created controlled components by elevating reducers, hooks, and various NPM libraries
- Refactored code after completion to increase readability and decrease redundant code