

Nathaniel Mention

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TECHNICAL SKILLS

Programming: **Strong:** JavaScript/TypeScript, SCSS, HTML5, CSS3 **Intermediate:** Python, Java

Frameworks: React, Angular, Express.js, Jest, Flask, Spring Boot

Software: Node.js, Redux, Webpack, PostgreSQL, MongoDB, Firebase, Git

EXPERIENCE

Interapt

August 2023 – November 2023

Software Engineer Apprentice

- Achieved AWS Cloud Practitioner Certification by demonstrating foundational knowledge of Amazon Web Services, including cloud computing principles, services, and best practices
- Collaborated with a team of two peers to conceptualize, design, and develop a flight booking application from the ground up, using Python, React, and Flask

Affordable Swiss Watches Inc.

February 2023 – August 2023

Software Engineer Intern

- Led a team of 4 software engineer interns in the development of an e-commerce website using Shopify Liquid
- Utilized agile methodologies such as scrum providing updates to leadership, resulting in increased productivity and skill development by 25% within each 2-week sprint
- Designed and implemented user journeys for a web application integrated with a Shopify platform, including user flow diagrams to map out user interactions and improve user experience, resulting in a 20% increase in user engagement

Headstarter

January 2023 – March 2023

Software Engineer Fellow

- Accepted into a rigorous Software Engineering Accelerator program out of 50 participants nationwide covering full-stack development, soft skills, team project building, and interview prep
- Collaborated with 2 software engineers to create a customer support app using AWS and TypeScript, which led to being ranked as one of the top 5 engineering fellows
- Coaching by Amazon, Bloomberg, Google, and capital One engineer's on Agile, CI/CD, Git, and Microservice patterns

PROJECTS

Budget-Tracker - <https://tracks-budget.netlify.app/>

React | Node.js | Material-UI | Speechly

- Engineered a responsive budget-tracking app, enabling users to monitor their spending habits and manage finances
- Developed a voice-enabled feature utilizing the Speechly API, providing users with a streamlined and hands-free method for inputting expense data
- Implemented a robust transaction management system, empowering users to seamlessly create, edit, and delete budget items from their lists

Dscus - <https://dscus1.herokuapp.com/>

React | Redux | PostgreSQL | Node.js | Express.js | Socket.io

- Designed a chat platform, enabling seamless communication for users and facilitating real-time messaging
- Implemented multiple chat components, including a user search function, room and chat creation capabilities, and profile updates, to create a user-friendly and intuitive chat experience
- Employed Redux to manage state and introduced features such as dark mode and chat room switching, enhancing the overall usability and customization of the chat platform

- Leveraged *socket.io* library to establish web socket connections between the server and client, enabling reliable and efficient transmission of real-time data for chat updates

SearchGame - <https://search-games.netlify.app/>

React | Typescript | Node.js

- Designed a responsive website that gives users the ability to filter through an array of games
- Implemented Rapid API, react hooks to fetch game data, and reduced network requests to improve user experience

Aliment - <https://aliment-track.herokuapp.com/>

JavaScript | Node.js | Express.js | PostgreSQL | Sequelize-ORM

- Architected a comprehensive nutrition tracking website, empowering users to monitor their daily dietary habits
- Utilized DOM manipulation techniques to dynamically generate elements that enable users to perform CRUD operations on their nutrition profiles, creating an intuitive and user-friendly interface
- Designed RESTful backend server user accounts and list information to be stored in a PostgreSQL database