

Arthur Henry

Software Engineer

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Work Experience

Nielsen

Oldsmar, FL (Remote)

Software Engineer

Aug 2021 - Present

- Built a customer-facing dashboard screen that provides clients with a detailed understanding of content ratings and implemented caching for frequently used API calls, reducing the number of calls by 50%
- Spearheaded the implementation of React Testing Library, laying the foundation for more efficient and reliable development practices within the team reducing the number of reported bugs by 25%
- Contributed to the internal component library by adding new features and resolving issues enabling teams to build user interfaces faster and with less code
- Developed an internal tool that allows employees to gain insights into how clients are utilizing our product to identify areas of improvement
- Monitored data jobs and logs as part of production support, ensuring that tasks were completed accurately and on time to prevent failure
- Successfully resolved over 80 critical issues in two weeks ahead of a production release, ensuring a smooth and on-time launch

Software Engineering Intern

Jun 2021 - Aug 2021

- Enhanced customer-facing dashboard screen with a charting component to represent table data, providing clients with a more visually informative experience
- Developed and implemented a data filtering system that allows users to have more input, improving the user experience and reducing load times
- Conducted performance tests to analyze API efficiency, identifying areas for improvement and enhancing user experience

Education

University of Central Florida

Orlando, FL

- B.S. in Computer Science

Graduated May 2021

Miami-Dade College

Miami, FL

- A.A. in Computer Science

Graduated July 2018

Projects

Roastly

Jun 2022 - Present

Geosocial networking application that allows users to post and share coffee drinks with other users.

- Utilized React Hook Form and React Query to implement efficient and reliable form validation and data fetching, improving the user experience and reducing development time
- Integrated Supabase to provide a scalable, secure, and reliable backend for user authentication, data storage, and real-time data updates
- Gathered and implemented feedback from coffee shop regulars to improve the functionality of the application

Streets

Sep 2020 - May 2021

Food truck finder that assists users in finding local food trucks using their current location.

- Designed a user interface using Figma and React that averaged scores of 90 on Lighthouse, meeting accessibility and performance standards
- Reduced expected costs of hosting the client-side application by switching from Vercel to Netlify, saving \$480 per year
- Automated UI tests using Cypress, which improved the quality of the application and reduced the number of bugs

Skills

Languages: JavaScript (3 years), CSS (3 years), TypeScript (1 year), Java (1 year)

Technologies: React, Next.js, React Testing Library, Cypress, Redux, Recoil, PostgreSQL, Git