

# Arthur Henry

Software Engineer

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## Summary

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Over the past two years at Nielsen, I've thrived as a dedicated front-end software engineer. My primary focus has been building React-based dashboards for clients. Proactively addressing bugs, I've ensured the timely delivery of top-notch products. Seamless collaboration with product and design teams has enabled me to manage priorities and workflows. Beyond my technical contributions, I'm motivated by a sincere passion for fostering connections and building communities around shared interests.

## Work Experience

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### Nielsen

Software Engineer

Aug 2021 - Present

- Delivered over 75% of Nielsen One Content app's core features, meeting critical deadlines and stakeholder satisfaction
- Spearheaded the development of an internal tool enabling cross-functional teams to gain valuable insights into client product utilization, facilitating data-driven decision-making
- Improved internal chart component library's versatility with new feature development, enhancing functionality and usability for company-wide development teams
- Implemented efficient caching methods for frequently accessed APIs which resulted in a substantial boost to application performance and responsiveness
- Proactively managed data jobs and logs in production, ensuring precise execution to prevent data flow disruptions

Software Engineering Intern

Jun 2021 - Aug 2021

- Performed comprehensive performance tests on APIs, analyzing efficiency metrics, and leveraging insights to identify areas for improvement, resulting in an enhanced user experience
- Deployed an efficient data filtering system empowering users with increased control, resulting in faster load times
- Improved legacy Content Ratings app with dynamic charting, elevating client experience through visually informative insights

## Projects

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### Roastly

Jun 2022 - Present

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

- Implemented robust React form validation for clean data, enhancing app reliability, and user experience
- Integrated Supabase for scalable, secure, and real-time backend solutions, including user authentication and data storage
- Collected feedback from coffee shop regulars and implemented impactful app enhancements increasing user satisfaction

### Streets

Sep 2020 - May 2021

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

- Designed and developed responsive UI with React and Tailwind CSS, meeting UX, accessibility, and performance standards
- Created mobile login/register screens, adapting web app features for seamless user experience and functionality
- Automated UI tests leveraging Cypress for optimal app functionality, performance, and reliability

### Localhand

Sep 2020 - Nov 2020

*Application aiding small businesses in recovering from the impacts of COVID-19 through an engagement-enhancing toolkit.*

- Created and showcased a captivating web app prototype, empowering small businesses to drive community engagement effectively
- Played a pivotal role in collaborative wire-framing, yielding a modern, user-friendly interface in line with current design principles
- Demonstrated steadfastness and swift troubleshooting in a 36-hour ShellHacks 2020 sprint, delivering a functional proof-of-concept

## Education

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### University of Central Florida

Graduated May 2021

- B.S. in Computer Science

### Miami-Dade College

Graduated July 2018

- A.A. in Computer Science

## Skills

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**Languages:** JavaScript (3 years), HTML (3 years), CSS (3 years), TypeScript (2 years), Java (1 year)

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