

Frontend Software Engineer | Andrew Payne

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PROFESSIONAL SUMMARY

Seasoned Frontend Software Engineer with 4+ years of experience building mission-critical web and mobile applications for Fortune 100/300 companies and startups. Demonstrated expertise in fintech, healthcare, streaming, and electric vehicle industries.

WORK EXPERIENCE

Yoomi Health

Charlottesville, VA | Remote

Software Engineer, Frontend

April 2024 – Present

- Yoomi Web App

- Implemented a speech-to-text feature that uses AI to generate insights from patient/clinician conversations.
- Developed an analytics platform empowering physical therapists with comprehensive graphs and charts to track patient workout progress, subjective feedback, skipped exercises, and overall well-being.
- Developed a blog page integrated with a content management system, enabling stakeholders to easily update and manage website blog posts.

- Yoomi Mobile App

- Conceptualized and successfully launched the flagship iOS Mobile app, now available on the Apple App Store.
- Designed and implemented an interactive feature that guides users through at-home exercise programs using audio and visual cues, enhancing the experience with gamification.

Capital One

Richmond, VA | Hybrid

Software Engineer, Frontend

January 2024 – April 2024

- Capital One Retail Bank Web Application

- Architected user analytics for the Capital One Retail Bank flagship web application.
- Implemented analytics and ad tagging into checking and savings account opening flows.

WillowTree

Charlottesville, VA | Hybrid

Software Engineer, Frontend

May 2020 – January 2024

- Mastercard Fraud Protection Web Application

- Successfully shipped a customer enrollment application with zero bugs found in production.
- Developed all new application code with 95%+ unit test coverage with Jest and React Testing Library.

- Electrify America Fleet Management Web Application

- Developed a responsive web app for managing electric vehicles and charging stations using React and NextJS.
- Integrated Google Maps API for an interactive map with dynamic markers and robust search.
- Created a user table with add, edit, delete, pagination, and filtering features, improving data visualization and management.
- Lead releases for both the frontend and backend platforms.

- Fox Sports and Media Mobile and Smart TV Streaming Applications

- Led automation testing for FOX Sports iOS and Android apps, ensuring seamless 2023 NFL Super Bowl streaming to 115M+ viewers.
- Developed automation tests for FOX mobile apps with 300K+ monthly users, reducing manual testing by 70%.
- Built and maintained CI/CD pipelines in Azure DevOps and Jenkins for seamless code integration and deployment.

EARLIER WORK EXPERIENCE

Software Engineer Intern, **Raytheon Technologies**; Dulles, VA – June 2019 – August 2019

Software Engineer Intern, **NT Concepts**; Vienna, VA – May 2018 – August 2018

EDUCATION

B.S. in Engineering with minors in Robotics and Math, *James Madison University; Harrisonburg, VA: May 2020*

University Innovation Fellowship, *Stanford University; Stanford, CA: May 2019*

SKILLS

Frameworks / Libraries: React, React Native, NextJS, VueJS, Angular, SwiftUI, Spring Boot, Tailwind CSS, Jest, Cypress

Languages: TypeScript, JavaScript, CSS, HTML, Java, Python, Swift, Kotlin

Tools: Expo, NodeJS, Rest API, Docker, Git, Github, Azure, Jenkins, AWS