



## SUMMARY

I thrive on the challenges of crafting elegant code and solving complex problems. I'm always driven by a relentless curiosity, constantly seeking to improve and grow in my role as a developer. **Available to relocate nationwide**

## PROFESSIONAL EXPERIENCE

### Software Engineer, Frontend

Jun '23 - Nov '23

#### Dottid

Remote

- Optimized new integration stack for performance and loading speed, enhancing overall user satisfaction and development time - attracting 5 new customers on launch of MRI Integration.
- Guided and managed a 4-5 members of two different development teams for the user interface segment of the MRI integration project, overseeing all stages from design and development to deployment and quality assurance testing- increasing UX task success rate by 30%.
- Implemented frontend testing using Jest for existing React and Storybook projects - significantly reduced the incidence of bugs.
- Played a pivotal role in refining the database model to align with the project's logic and data value types. This encompassed establishing and maintaining relationships between data entities and enforcing constraints that determined how data could be stored and accessed.
- Mentored incoming 2-3 juniors regarding company tech stack and mobile development.
- Successfully integrated one of the largest investment management software solutions into our website, earning the prestigious title of "MRI Software Partner of the Year" in 2023.

### Software Engineer, Mid

Nov '21 - Jun '23

#### Dottid

Remote

- Assisted and documented the development transition to an Apple-Silicon based platform for the entire engineering department.
- Played a key role in enhancing the API Design and underlying business logic, leading to a significant expansion of our GraphQL API by 60%.
- Enhanced front-end codebase with TypeScript and GraphQL types, reducing bugs and saving development time by 25%.
- Guided and managed a 2-3 members of mobile development team for various mobile features, including Firebase V6 migration and MFA integration.
- Managed and regularly updated a substantial number of React components, comprising JSX for structure, HTML for markup, and associated styles for aesthetics
- Boosted user experience & authentication by integrating Google Play & Firebase APIs, launching Dottid's debut Android app - attracting 12 more total mobile users.

### Software Engineer - Contract

Nov '20 - Dec '22

#### private client - eCommerce

Remote/Ashburn, Virginia

- Automated product data scraping and image downloads from manufacturer websites using Playwright JS script, boosting efficiency.
- Spearheaded the development and deployment of a groundbreaking online product comparison tool, resulting in a remarkable 35% increase in client sales within the first quarter of implementation.
- Regularly assessed and adapted the application in response to market changes and competitive landscape, maintaining a proactive approach to capitalize on emerging opportunities .
- Created initial web pages for each project using HTML, CSS, and JavaScript
- Utilized React in conjunction with TypeScript for robust and statically-typed code, enhancing the maintainability and reliability of the updated application.
- Documented the project thoroughly, providing comprehensive guides and documentation for future maintenance and updates.

### Software Engineer

Dec '20 - Jun '21

#### Shooter's Technology LLC

Manassas, Virginia

- Designed AWS Cloud Architecture using Amplify to support iOS and Android backends, achieving optimal functionality and scalability.
- Improved and generated custom components for AWS PubSub to manage CRUD transactions and communicate with EC2 instances, streamlining the process - increasing judge completion rate by 65%.
- Optimized apps for latest iOS and Android OS versions, improving user experience and compatibility processes.

## EDUCATION

### Bachelor's of Science, Biology

Aug '13 - May '17

#### Virginia Commonwealth University

Richmond, Virginia

Minor in Chemistry, SAT score: 2090

## KEY SKILLS

- React, TypeScript, Node, GraphQL, React Native, REST API, SQL, Sequelize, Figma, Jira, Github, Gitlab, TestFlight, Google Play API, Google Firebase, Storybook, RESTful API, Cypress, JSON, OOP, HTML, CSS