

# AVA GUNN

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## FRONT-END WEB DEVELOPMENT | PERFORMANCE | ACCESSIBILITY

Highly skilled software professional with eight years of experience, known for developing performant, accessible, responsive, and maintainable code.

## EXPERIENCE

### SENIOR FRONTEND ENGINEER, NEARFORM — 05/2022 - PRESENT

Embedded in a client team with Japan's premiere video game company to create a compelling e-commerce experience that drove billions in revenue in 2024.

- ❖ Lead performance, testing, and accessibility efforts.
- ❖ Halved the cost of an expensive image CDN service with targeted performance optimizations.
- ❖ Brought Largest Contentful Paint, a Core Web Vital metric, from over 8 seconds to under 2.5, improving user experience and SEO as well as boosting conversions and reducing bounce rates.
- ❖ Performed a deep web performance audit to improve site speed, Core Web Vitals, and SEO.
- ❖ Boosted conversions and reduced bounce rates by trimming megabytes of JavaScript out of the application bundle.
- ❖ Established a roadmap for migrating away from poorly performing technologies.
- ❖ Collaborated with marketing, management, and engineering stakeholders to prioritize performance work and resolve performance regressions.
- ❖ Utilized a deep understanding of WCAG, WAI-ARIA, and semantic HTML to resolve long-standing accessibility issues.
- ❖ Set up integration tests within and between applications, creating quality gates and boosting engineer and QA confidence in releases.
- ❖ Presented on performance remediation to share learning in company-wide meetings.
- ❖ Engaged with engineering teams based in Japan using formal business Japanese, facilitating international collaboration on critical projects.

## **FULLSTACK SOFTWARE ENGINEER, PARAMOUNT — 04/2021 - 05/2022**

Fulfilled a key role as a Full Stack Software Engineer for this multinational, billion-dollar media conglomerate, overseeing all phases of the software development lifecycle by creating presentation layers for large-scale websites, adaptive web-based applications, and mobile apps.

- ❖ Oversaw the technical development and release of a large A-list property re-brand.
- ❖ Integrated ad-serving products and analytics/reporting tools to empower A/B testing and data-driven feature discovery, and earnings optimization.
- ❖ Developed solutions for high-traffic websites, mobile applications, and video using the Next.js React Framework.
- ❖ Communicated knowledge of testing frameworks, methodologies, and implementation details through lunch and learn sessions.
- ❖ Served as a subject matter expert and technical communicator for cross-functional teams operating in highly collaborative environments.
- ❖ Developed frontend code and presentation libraries for high profile consumer-facing web sites and content applications.
- ❖ Participated in daily Scrum Stand-ups and improved our Agile methodologies following industry best practices.
- ❖ Demonstrated deep knowledge of Open Source content management platforms, responsive web design, and deep familiarity with backend frameworks.
- ❖ Maintained application quality and work to ensure responsiveness and scalability from all applications and services.
- ❖ Contributed to continuous integration, code testing, infrastructure as code, and engineering best practices.

## **SOFTWARE ENGINEER, INFO TECH INC. — 01/2020 - 04/2021**

Performed as a Software Engineer overseeing the design, installation, testing, and maintenance of software systems for this innovative, Florida-based technology company.

- ❖ Lead by example in advocating for accessibility in design and development, and adapting the company culture toward empathetic collaboration toward these goals.
- ❖ Represented my team in a company-wide Digital Accessibility task-force and communicated our unified vision to the company.
- ❖ Served as a key contributor in the design, installation, testing and maintenance of software systems.
- ❖ Championed asynchronous communication and planning, and software adoption to adapt to remote-first work environments.

- ❖ Drove creative and innovative solutions to complex business problems using deep domain knowledge.
- ❖ Migrated the customer-facing corporate website to a sustainable architecture using JAMStack methodologies and Netlify serverless functions.
- ❖ Accelerated business-critical processes by quickly developing single-page applications with scalable services, reusable component libraries, and design systems.
- ❖ Architected applications from the ground up following Object Oriented design patterns, SOLID principles, and application interface standards.

#### **SOFTWARE DEVELOPER, GLEIM PUBLICATIONS — 01/2017 - 01/2020**

Operated in a cross-functional role as a developer for this reputable preparatory testing organization, integrating improvements in programming practices and creating solutions for optimal software functionality.

- ❖ Helped update a legacy flagship, top revenue earning, product into a modern web-based application with adaptive learning recommendation system.
- ❖ Developed high-impact software solutions to empower the work of quality assurance testers and product managers.
- ❖ Was a key contributor on a fast-paced team that develops, documents, tests, and maintains a wide array of software including web, mobile, and desktop customer-facing applications.
- ❖ Contributed to the development of coding standards, processes, code review practices, documentation, and testing.
- ❖ Advocated refactoring technical debt to improve code maintainability and increase development velocity.
- ❖ Translated complex business requirements into technical requirements and product features.
- ❖ Diagnosed complex technical issues and identified root causes and mitigation strategies.
- ❖ Supported teammates and peers with mentoring and empathetic code reviews and design feedback.
- ❖ Executed against both short and long-term road-maps, and improved feature estimation and reporting.
- ❖ Partnered with design in building an empathetic process for ascertaining and resolving customer needs.

## **EDUCATION**

### **UNIVERSITY OF WEST FLORIDA**

Bachelor of Science (B.S.) – Computer Science (90% Completed), 2015

### **ST. PETERSBURG COLLEGE**

Associate of Science (A.S.) – Audio Engineering, 2010 – 2012

### **ST. PETERSBURG COLLEGE**

Associate of Arts (A.A.) – Music Composition, 2008 – 2010

## **TRAINING**

### **DEQUE UNIVERSITY**

IAAP CPACC & WAS Certification Program – In Progress

## **CORE COMPETENCIES**

RESPONSIVE FRONTEND WEB DESIGN | DIGITAL ACCESSIBILITY | WEB  
CONTENT ACCESSIBILITY GUIDELINES | WEB PERFORMANCE, CORE WEB  
VITALS, SEO | PROCESS IMPROVEMENT | AGILE DEVELOPMENT | MODERN  
SOFTWARE DESIGN PATTERNS | SYSTEMS ARCHITECTURE

- ❖ Advanced knowledge of JavaScript and ES6: performance, promises, async / await, type coercion, event delegation, prototypal inheritance, concurrency, and closures.
- ❖ Software Engineering Best Practices: Design Patterns, dependency injection, immutability, unit and integration testing, and their effective use cases.
- ❖ Modern Frontend Architectures, their benefits, and pitfalls. Client Side Rendering, Server Side Rendering, HTML Streaming, and Islands Architecture.
- ❖ Familiarity with backend frameworks, REST and GraphQL, Relational and Non-Relational Databases, containerization, micro-services, and distributed systems.

## **TECHNOLOGY**

JavaScript, TypeScript, HTML, CSS, Flex-box, Grid, Storybook, Express, Next.js, Node.JS, HTTP, CLI, Serverless, AWS Lambda, Playwright, Cypress, Jest, Webpack, Babel, Git, Github, React, async / await, promises, Asynchronous programming, JAMstack, Netlify, Vue.js, Svelte, Angular, HTML, HTML5, CSS, CSS3, RESTful APIs, REST APIs, Redux, Jenkins, MySQL, SQL, AWS, ES6, Yarn, NPM, Gulp, Grunt, Rollup, SASS, design, typography, web fonts, React Hooks, Core Web Vitals, web vitals, functional components, GraphQL, SPA (single-page web applications), Scrum, Kubernetes, Redis, Docker, PHP, ElasticSearch, MongoDB, JSON, React Native, MVC, ORM, microservices, CI/CD (continuous integration/continuous deployment), monorepo, Symfony, Laravel, PHPUnit, Mockery, Linux, Unix, MacOS, Command Line, Headless CMS, HTTP

## **CONTACT**

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