Brayan Byrdsong

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Junior Software Developer

Modern web and microservice developer with seven years of professional experience using leading-edge technologies. A passionate developer who applies the best software practices to achieve outstanding accomplishments for any given task assigned.

Areas of Expertise
Angular, JavaScript, TypeScript, HTML5, CSS3, NodeJS, NPM, Java**,** Docker, VueJS, Maven, Cordova, SQL Server

Web Development, Software Development, Restful APIs, Object Oriented Programming, SCRUM, **Responsive Website Design**

Wisp Crypto, July 2021 - Present
Collectible online multiplayer game

Full-Stack Web Developer
Created and designed a browser game with real time gameplay. Implemented backend services for managing user data and permissions. Built responsive AAA compliant frontend pages.

- Created frontend framework "**i0**" using **JavaScript**.
- Created backend using **NodeJS** / Express.
- Created **responsive** and **ADA compliant** pages and components with CSS3.
- Created **real time** gameplay systems using **Google Firebase Realtime-Database API.**
- Created secure user authentication using **Google Firebase Authentication API.**
- Implemented **Google Analytics API** to view real time usage statistics.
- Created a shop page with several products that accepts money via **Stripe payment API.**
- Created artworks using **ProCreate** via iPad.
- Created NFT (Non-Fungible Tokens) via **OpenSea.**
- Created Admin website to view, create, and submit form data that is then saved to **Google Firebase Realtime-Database**. This data is used to populate the main "collection" and "play" websites.
- Created stories and completed stories in **2 week sprint cycles** via **Trello.**
- Implemented hosting via repl.it and domain name management via **Google Domains**.

Essencials, January 2021 - June 2021
Next-generation organizer

Full-Stack Web Developer
Created crossplatform organizer that includes daily tarot card readings and daily meditation videos. Created and implemented backend services to manage user payments and account status.

- Created frontend using **Angular 8**.
- Created backend using **NodeJS** / Express.
- Created **responsive** and **ADA compliant** pages and components with CSS3.
- Integrated **Stripe payment subscription API** and handled user status management.
- Saved data via repl.it **database**.
- Created a service to verify email via **NodeJS**.
- Created logo and promotional materials via **ProCreate**.
- Created stories and completed stories in **2 week sprint cycles** via **Trello.**
- Saved and tracked code via **GitHub.**
- Implemented hosting via repl.it and domain name management via **Google Domains**.

UPS, July 2019 – UPS, June 2020
Logistics Management

UI Front-End Developer
Provided leading edge angular experience and guidance to my peers. Worked on several pages regarding package tracking and account management.

- Created and updated existing pages with **AAA compliance** using **Angular**.
- Created reusable components and refactored existing pages.
- Implemented efficient **SCSS** and **CSS3** stylings that had **responsive design**.
- Peer reviewed **Angular** components and offered best practice advice.
- Followed **two-week sprint cycles** and participated in group story planning.
- Used **Angular 8** to implement services that were used to manage user permissions.

Bridge 2 Solutions, September 2017 – September 2018

Third party loyalty applications.

Associate Front-End Developer

Worked with Chase Bank to maintain and update "Cash Back" rewards pages. Implemented best practices and new techniques when applicable. Provided research on accessibility and responsive design.

- Researched and implemented accessibility on existing pages. This was checked with **NVDA**. I was provided training on **ADA (American Disability Act)** and what it means to be **AAA compliant**. Implemented **AAA compliance** on existing non-compliant pages.
- Created new pages for a legacy project with responsive web design following redlines. These pages were built using **Flexbox**, **Angular JS**, and **JSP**.
- Used **Angular JS** to create new pages that followed provided redlines. Offered advice and implemented new practices for responsive web pages.
- Briefly researched **Cucumber** testing software to create BDD (Behavior Driven Development) tests.

ZeeZor, LLC., May 2016 – September 2017

Salon "big-data" business management providers.

Junior Full-Stack Developer

Designed and created interactive "mobile-friendly" or responsive websites for salon chain stores. This includes creating the web API's and providing metrics for big-data. Also maintained legacy projects.

- Created Web Application that ranks a salon's metrics against other like-salons. Point of sales (POS) data is collected and analytics are displayed using custom data visualization widgets. This site was built using **Angular, NodeJS**, and was converted into a cross-platform native mobile app using **Cordova**. Design, development, and deployment took approximately 3 months to get the product to market.
- Created a web service to verify phone numbers. The service was built with **Java** using **Maven**. The service queries each database for POS employees and creates a 4 digit code transmitted to the user using **Twilio.** The user could then verify an account, or create a user.

- Created a system for injecting code into a PHP service. This was developed for adding custom metrics without the need to create custom SQL code. The project featured triggers to determine when and which clients should see each metric. Available metrics were developed and appended to a separate PHP service. This project also required an internal admin portal for creating the triggers (CRUD operations). The portal also displayed all of the clients who would qualify for each trigger and vice versa. This project was developed with **Java** for the data aggregation and manipulation, **NodeJS** for crud operations of the triggers, and **Angular** for the frontend.
- Created efficient deployment strategies using Docker containers. All projects are deployed within a Docker container. Created Docker files that include the following technologies: **Angular, Java, NodeJS,** and **MySql.**
- Trained and worked with many intern beginner level developers encouraging proper coding standards.

Education and Accolades

- **General Education Diploma** from **Georgia Technical College 2016**
- Attended CDAT (Advanced **STEM** learning) program at Lanier High-school
- Won **Bill Gates Programming Award** by Reputable High-school Teacher Mike Reilly
- Won **Georgia Tech Single Person High-school MIT Scratch** contest
- Won Lanier High-school science fair by building a studying tool with **Java**