Aaron Bush

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SUMMARY

Aaron Bush is a software engineer based in Grand Rapids, MI. He has experience working on both frontend and backend projects, including building and maintaining websites for STAYKool Productions. He has also collaborated with other developers to create full-scale web applications for clients at 100 Devs Agency.

CERTIFICATIONS & SKILLS

- **Certifications:** Passed LinkedIn skills tests in React.js, JavaScript, and CSS.
- **Skills:**
  - Programming Languages:
    - JavaScript, TypeScript, Java, Python
  - Web Technologies:
    - Vue/Vuetify, React.js Backbone.js, jQuery, HTML5, CSS3/SCSS, Bootstrap
  - Databases:
    - MongoDB
  - Tools and Platforms:
    - Node.js, Git, Github, Bitbucket, SASS, Stripe, Android Studio, Cordova, Ionic
  - Concepts:
    - Object Oriented Programming, MVC Paradigm, REST

WORK EXPERIENCE

STAYKool Productions   May 2022 - Present
Software Engineer   *Remote*

- Led the frontend and backend development for all Squizz projects, enhancing the overall user experience and interface.
- Managed and maintained web platforms that cater to thousands of monthly users, ensuring seamless media management and scheduling.
- Collaborated with the team to build modern, responsive web applications, adhering to industry best practices and improving site functionality.
- Initiated and executed the conversion of our original dashboard from Backbone.js/Vanilla JavaScript to Vue and TypeScript, resulting in faster load times and a more interactive user interface.

- **Recent Projects**
  - **Squizz Pro Media** - Dashboard for customers where they can upload their media, choose playlists, scheduling, and edit devices.
    - Backbone.js
    - jQuery
    - Vanilla JavaScript
    - Handlebars
    - MongoDb
    - Express
    - Node.js

  - **Squizz Pro Customer** - Admin Dashboard, where we can add customers, add users, and displays for that customer. Those users' emails, status, first name, and last name can all be changed. We can change the status of the display, and change the name of the display in the database. I converted our original dashboard from Backbone.js/Vanilla JavaScript, to Vue, and TypeScript for faster load times, and better interactive UI.
    - TypeScript
    - Vue3
    - Vuetify
    - MongoDb

- ◉ **Google Play Squizz APK** - Used Android Studio to create a Cordova application for Mobile Devices to use our product
  - ◉ Cordova
  - ◉ Ionic
  - ◉ Java

- ◉ **Squizz Digital Signage** - Marketing site where customers can sign up and login, choose their pricing option.
  - ◉ HTML5
  - ◉ CSS/SCSS
  - ◉ Vanilla JavaScript

100 Devs Agency   Jan 2022 – Present
Software Engineer   *Remote*
- • Collaborated with a team of developers to build full-scale web applications for clients, consistently meeting client specifications and deadlines.
- • Contributed to the development of the Gratitude Journal App, enhancing user engagement and overall app functionality.
- • Assisted in the creation of the Lava Java Coffee Co and Mighty Hands MMA websites, resulting in visually appealing and user-friendly interfaces.
- • Demonstrated adaptability and versatility by successfully delivering diverse projects such as the Pokemon Search Application and Weather Application using OpenWeather API.

Personal Projects   Mar 2021 - Jan 2022
Software Engineer
- ▪ Grand Rapids, MI Data Science Project
  - ◉ Taking a CSV file from Grand Rapids ARCGIS, I was able to clean the CSV file of any null data, and found what age, and sex were involved in the most accidents. Along with, what intersections, what weather, what type of vehicle, what day, if alcohol was involved or not, and many other variables that could have been in play.
    - ◉ Pandas
    - ◉ Pyplot
    - ◉ Seaborn
    - ◉ Folium
    - ◉ Numpy

- ▪ Michigan CWD Data Science Project
  - ◉ Taking a CSV file from Michigan DNR's site, I was able to plot out what counties have been most affected with CWD in deer.
  - ◉ Found that
    - ◉ Pandas
    - ◉ Pyplot
    - ◉ Seaborn
    - ◉ Folium
    - ◉ Numpy
    - ◉ Cufflinks

- ▪ Full Stack Notes Application
  - ◉ Created a notes app where users can sign up, create notes, and delete notes.
    - ◉ Python
    - ◉ Flask
    - ◉ Werkzeug