

# Benjamin Atlas

*A passionate, full-stack developer obsessed with elegant abstractions, intuitive user interfaces, and squeaky-clean code.*

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## EXPERIENCE

### Apollo Enterprise Imaging Corp, Fort Collins — Lead Software Developer (Full Stack)

SEP 2017 - PRESENT

#### Technical highlights

- Designed and developed multiple large **web applications** used to securely manage hospital image archives using **Angular**, **SCSS**, and **TypeScript**.
- Created several **Windows services** that interface with medical devices for bulk ingestion of patient images using **C#** and the **.NET Framework**.
- Developed and maintained a cross-platform **mobile application** using **Ionic**, **Capacitor**, **Angular**, **SCSS**, and **TypeScript**.
- Heavily contributed to **RESTful web services** written in **Visual Basic** and the **.NET Framework**.
- Created and maintained hundreds of **MS SQL Server** database objects (tables, stored procedures, views, etc.).

#### Personal highlights

- **Led a team** consisting of eight highly-skilled developers.
- Worked closely with the product management team to bring feature ideas to life via **wireframes** and **prototypes**.
- Participated heavily in **code review** for every in-house application via **Github pull requests**.
- Designed and led the **development interview** process for all prospective development team candidates.
- **Mentored** all new developers and assisted with the onboarding process.
- Hosted **training sessions** for non-development staff regarding new features created by the development team.
- Extensively worked with the IT + Implementation team on **identifying and resolving** customer software issues.
- Integrated several **third-party softwares and libraries** into our software system and worked closely with the representatives from their respective companies.
- Since March 2020, have been successfully performing all of the above responsibilities **100% remotely**.

## SKILLS

JavaScript

TypeScript

Angular

HTML5

CSS3, SCSS

Ionic (Capacitor)

C#.NET

VB.NET

MSSQL Server

JSON, XML

RxJS

npm

Git (Bash, Github)

VSCode

Visual Studio

Windows

Linux (Ubuntu)

Windows Subsystem for Linux (WSL)

MacOS (with Apple Silicon)

Shell Scripting

Windows Command Line

Windows Terminal

## EDUCATION

### **Fairmont State University, WV — B.S. in Computer Science, Computer Security Concentration**

SEP 2012 - May 2017

## PERSONAL PROJECTS

*I frequently leverage the **Ionic/Capacitor** cross-platform mobile framework in my spare time to solve whatever “problem of the day” I may encounter.*

*Here are a couple of the most recent ones.*

### **Rap God — Ionic-based Mobile Application for Freestyle Rap Enthusiasts**

Are you a terrible freestyle rapper like I am?

Well, lucky for you, there’s an app for that.

Rap God lets you choose topics, then based on seed words from the selected topics it fetches both perfect and slant rhymes that visually cycle on-screen while a chosen backing track plays. Swipe left or right to change the seed word and get a new set of rhymes, then take your best shot at telling a rhythmically riveting story.

Used **Ionic**, **Angular**, and **TypeScript** for the frontend and Rhymezone's **RESTful API** for the backend.

### **Workout Data Entry Helper — Ionic-based Mobile App**

Mobile app to make the schedule easy to follow and the data entry simple while at the gym. YouTube links are provided to quickly view demonstrations of the exercises and the UI makes it easy to quickly view your previous history of the exercises.

Used **Ionic**, **Angular**, and **TypeScript** for the frontend and **Firebase Realtime Database** for the backend.

Also used some **JavaScript** magic to convert the Excel spreadsheet (saved as a CSV) into **JSON**-formatted data for the **Firebase RTDB**.