Ben Hammond

Software Engineer - Fullstack Developer

Denver, CO | hello@benhammond.tech | (720) 436-7452
github.com/benhammondmusic| benhammond.tech | linkedin.com/in/benhammondmusic

SELECTED PROJECTS

Little Cabin (May '21)
- Python (Django) service offering secure property management tools and tiered permissions for users
- Syncs consensus-based scheduling with Google Calendar API using a Google Cloud Platform service account; Heroku deployment required customized configuration to generate required credentials file
- PostgreSQL database via Django ORM; AWS integration allows group restricted user-uploaded images
- Displays weather via custom template tags; methods fetching external APIs have automated unit tests
- Prioritizes responsive design with media queries and CSS variables; persistent dark mode toggle selection

Gigboard (Mar '21)
- JavaScript app for finding gig-work opportunities; built using MERN-stack (MongoDB, Express, React, Node)
- CRUD via RESTfulAPI, restricted per user status; custom encrypted registration and Google OAuth
- Personally contributed across the stack: scaffolding functional React components; dynamic searching, useState() and useEffect() hooks for state management and side-effects; assisted with JWT process
- Project-managed team of 6, utilizing GitHub's agile board to track user stories, delegate issues, and minimize merge conflicts. Received the highest possible score on the anonymous post-project peer reviews
- Wrote 3 technical posts, assisting team members with deployments and environmental variables; provided hands-on assistance on multiple occasions and helped instructor solve another team's bug

Family Friendly (Feb '21)
- Express.js mapping app leveraging Geolocation API, GeoJSON in Mongoose ODM, and Google Maps JS API

GigUploader (Nov '18)
- Python command-line interface (CLI) using BeautifulSoup and Selenium to extend 3rd-party web services
- Built to save myself time while simultaneously learning modern Python, GitHub, and web-scraping

PROFESSIONAL EXPERIENCE

Ben Hammond Music | Owner and Professional Musician ('06-Current)
- Doubled project fees, maintained 5-star reviews by implementing cloud-based management software with extended functionality through my custom Python tooling
- Contracted 3,000+ paid shows in 29 states and 9 countries, including at the Montreal Jazz Fest, for the Baltimore Orioles, and with members of Jimmy Buffett's Coral Reefers
- Exhibited excellent communication and team leadership producing 3 albums, selling 14k+ discs
- Cultivated opt-in email list and social media presence with over 10k followers and 175k Youtube views
- Pivoted to streaming during COVID, accruing 20k views and exceeding normal hourly earnings by integrating virtual tip jars. Resulted in an 8 week contract for SketchUp's virtual conference

DEVELOPER EXPERIENCE

Freelancing |Web Development and Multimedia ('04-Current)
- 17 yrs building websites, creating and showcasing dynamic client details and embedded media
- Obtained over a dozen paying clients by referral, for many creating their first-ever online presence

EDUCATION

General Assembly | Software Engineering Immersive, Full-Stack (Nov '20 - May '21)
- 420 hr remote, intensive certification in modern application development and industry best-practices

McGill University, Montreal, QC Canada | Bachelor of Music, Honours in Music Technology
- Foundational Comp. Sci. coursework in C++, Java, Data Structures/Algorithms, big(O) notation

SKILLS

JavaScript (React, Node), Python (Django), Mocha/Chai, MySQL, NoSQL, HTML/CSS, Git/GitHub, Heroku, Netlify