BEN HAMMOND | SOFTWARE ENGINEER

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Enthusiastic developer with 15+ yrs running a tech-forward music business. Experienced in fullstack JavaScript (React, Node) and Python (Django); seeking a full time software engineering role in Denver or remote.

SELECTED PROJECTS

Little Cabin | Python, Django *(May '21)*
- Created this web app to provide my extended family integrated property management tools
- 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
- Provides current weather to authorized users using Open Weather API and custom template tags
- "Demo" logs in a pre-authenticated account and programmatically generates additional test accounts with tiered authentication and incoming action requests to demonstrate user-to-user interactions
- Prioritizes responsive design with media queries and CSS variables; persistent dark mode toggle selection

Gigboard | React, Express *(Mar '21)*
- Fullstack app for short-term gig-workers, built with JavaScript MERN-stack, using Model-View-Controller (MVC) design pattern, user stories, and an internal RESTful API
- CRUD functionality restricted per user status; offers custom encrypted registration or Google OAuth
- Project-managed team of 6, utilizing GitHub's agile board to delegate and to minimize merge conflicts
- 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
- 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

GigUploader | Python *(Nov '18)*
- Command-line script using BeautifulSoup and Selenium libraries 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 Artist (*'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)*
- 480 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), MongoDB, PostgreSQL, HTML/CSS, Git, Music + Content Production