BENJAMIN CAMPBELL

SOFTWARE ENGINEER

CONTACT

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TECHNICAL SKILLS

JavaScript (ES6+) | Python | Node.js | Express | Flask | React | RESTful API | SQL-PostGreSQL | NoSQL-MongoDB | HTML/CSS | Git/GitHub | Agile

SOFT SKILLS

Communication | Teamwork | Adaptable | Strong Work Ethic | Project Oriented | Interpersonal Skills | Patient | Systems Thinker | Growth Mindset

EDUCATION

Diploma of IT

Coder Academy

2023

Bachelor of Music, Jazz Studies

University of Southern California

1999-2003

INTERESTS

- Analog synthesizers: mainly collecting analog synthesizers from the 1970's and 1980's and learning subtractive and FM synthesis.
- Building and repairing analog guitar pedals.
- All things espresso: roasting, repairing and modding machines and imbibing.

PROFILE

Software engineer with a team focused mentality and project oriented mindset. Strong functional programming approach with a passion for solving problems. A clear communicator possessing a positive and supportive attitude. Experience in Audio Engineering, Hardware and Software Interfacing, mapping traditional music creation to modern technological paradigms.

KEY PROJECTS

Yahtzee!
- Implemented Python to create a terminal based version of the classic game Yahtzee!
- Utilized a functional programming approach to create a DRY code base to facilitate gameplay.
- Incorporated full unit testing and error handling to create a robust user experience.

Personal Website
- Personal website created to present composition, production and performance, generating professional interest and interactions.
- Utilized JavaScript, CSS and HTML to create effective UX/UI.

Simple ToDo List - MongoDB/Express/Node.js
- To Do List implementing MongoDB/Mongoose, ExpressJS and NodeJS stack.
- Constructed using a RESTful API structure with full CRUD operations.

WORK EXPERIENCE

Musician/Bassist

Lookalife Music - NY, NY USA || Sydney, NSW   6/2004-Present

- Strong understanding of industry standard technologies including MIDI, ProTools, Logic X and Analog to Digital audio conversion.
- Coordinated and managed teams of 3 to 8 members to maximize creative output and foster vibrant and positive group dynamic.
- Leveraged emerging software and hardware technology to ensure leading edge performance outcomes.
- Maintained and repaired vintage electronic systems to ensure industry standard performance expectations were met.
- Collaborations with Track Tribe Music to compose, produce and perform content for pre-cleared audio libraries, utilized by Google and YouTube.

Bassist/Consultant

Broadway Productions (Multiple) - NY, NY   3/2016-5/2023

- Bassist for Broadway productions *Paramour* and *Mean Girls*.
- Managed medium sized teams, handling quality control, scheduling and assuring stakeholder satisfaction of product.
- Consulting services to Touring Company outlining technical and musical expectations to ensure seamless onboarding of personnel.
- As Associate Contractor was responsible for light payroll duties and high pressure management of staffing situations.

Bassist/Synthesist

Big Data - Brooklyn, NY USA   7/2014-8/2017

- Extensive touring and recording in support of hit single "Dangerous" (Warner Brothers).
- Skills navigating high pressure scenarios as a team, fostering a positive and productive dynamic.
- Assistance with logistics and personnel management while on remote locations.