

JACK PARSONS

SOFTWARE ENGINEER

CONTACT INFORMATION

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PERSONAL PROFILE

As long as I can remember, I have always loved taking things apart and trying to put them together. If it wasn't obvious how something worked, it became my mission to figure out exactly how it worked. After years of figuring out how music and electronics worked, I finally asked myself "how exactly do computer programs work?" That question led to hours of googling, which led to courses on edX and Codecademy, which finally led to my enrollment at Nashville Software School.

TECHNOLOGY USED

- JavaScript
- React
- HTML5
- CSS3
- SQL
- Python
- Django
- REST APIs
- Unit Testing
- Git/GitHub
- JSON Server

EDUCATION

Nashville Software School

Full-Stack Web Development Bootcamp

Berklee College Of Music

Bachelor of Music, cum laude, 2013

SOFTWARE EXPERIENCE

Nashville Software School

Day Cohort 38 (January 2020 - Present)

Intensive full-stack software development bootcamp (JS/React front-end, Python/Django back-end)

- Built front-end, back-end, and full-stack applications using **HTML, CSS, JavaScript, React, Python,** and **Django** while learning the fundamentals of **OOP** in individual and group based projects
- Used **GitHub** to enable source code version control and collaborative programming
- Virtual group collaboration and learning via **Zoom**

Projects of Note

pdlBord | Individual Project

- **React** app designed as a digital facsimile of a guitarist's pedalboard
- Users have the ability to build signal chains using prebuilt modulation devices, then save those settings for later usage
- Full **CRUD functionality** with use of **JSON Server** for mocked up back end
- Implemented **Tone.js** library and **Web Audio API** for audio modification

KickdUp | Individual Project

- **Full stack** social media app designed for sneaker enthusiast subculture
- Users have the ability create a profile and create posts of their sneakers, which can be viewed and commented upon by other users
- Full **CRUD functionality** utilizing **React** for client-side interface, **Django REST API** framework, and **SQLite** database
- Notable programming challenges: being able to attach more than one photo to a post, allowing users to follow other users and filter views based on who they follow

Bangazon E-commerce Platform | Group Project

- Built e-commerce site over the course of 2 sprints in a five person team. Site featured **CRUD functionality** with multiple instances of **user-specific data**
- Front-end built using **React** and **Ant Design**, back-end built out using **Django REST API** framework
- Built out user profile and payment types sections on front-end, responsible for customer and payment types end points on back end. Also responsible for implementing **unit testing** on payment types

PROFESSIONAL EXPRIENCE

Professional Musician and Music Education 2011-present

- Performed as professional musician from the age of 15 onward, playing concerts in a variety of genres across the world
- Taught students aged 7-80+ music fundamentals, guitar technique, advanced music theory, stylistic tendencies, and audition prep

Service Industry

2014-2020

- Worked with teams to efficiently serve patrons with while also handling bookkeeping duties, improvement projects, and general upkeep
- Served in quasi-managerial roles and was often asked to coordinate special projects and events, such as catering and off-site opportunities