

# Brian Cherchiglia

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## FULL STACK WEB DEVELOPER - SOFTWARE ENGINEER

Hi, I'm Brian. I'm a Software Engineer and Full Stack Application Developer specializing in React, Python 3, Django, JavaScript, Node.js as well as several other languages and frameworks. I'm also beginning to delve into Machine Learning and Artificial Intelligence, which I find to be absolutely wild and inspiring. As a freelancer, I've built a diverse array of full stack web applications ranging from sleek professional builds, social networks & small business websites to more artistic endeavors which flex my front end bag. My background is primarily rooted in the music industry and the cultivation of DIY art scenes; my credits extend from soundtracking & sync licensing for major video game franchises like *Grand Theft Auto*, *FIFA* and *Fallout 3* to festival curation, production and performance. Above all else, I'm a creative who adores hybridizing innovation and efficiency with an imitable signature.

## TECHNICAL & INTERPERSONAL SKILLS

**Languages:** Python, JavaScript, SQL, JSON, Typescript, EJS, CLI, HTML, CSS, Unix & more

**Libraries and Frameworks:** React / React.js, Node / Node.js, Express, Django, Mongooose, Anaconda, Jupyter, React Native, Materialize, Vue.js, Next.js, Ruby

**Databases & Other:** PostgreSQL, MongoDB, RESTful Routing & APIs, JSON, AWS, S3, Axios, Docker, Kubernetes

**Interpersonal skills:** Curation, Project Management, Leadership, Front end Development, Public Speaking, Creativity

**Soft Skills:** Innovation, Resilience, Perseverance, Passion, Growth Mindset, Grit, Intellectual, Empathetic, Deadline Maker

**Certifications:** Artificial Intelligence (IBM), [Machine Learning Algorithms](#) (LinkedIn), [Python3](#) (Google), [Artificial Intelligence Foundations](#) (National Association of State Boards of Accountancy), [Machine Learning Foundations](#), [Data Structures](#), [Algorithms](#), [RESTful API Design](#), [DevOps Foundations](#) (National Association of State Boards of Accountancy), [Advanced CSS Animations](#), [Machine Learning in Python3](#), [Full-Stack Development in React.js](#)

## TECHNICAL PROJECTS

### [MEDS - Official Website](#) - [GitHub](#) | [App](#) - React | Node.js

*A psychedelic, immersive unidirectional front end web application for NYC indie band*

- Created custom background by synchronizing band's lead single with responsive video engine to react to song's audio waveform, then converted it to a gif, altered its opacity with various hover effects
- Built entirely using front end development in React.js utilizing React Router DOM & several specified components
- No embedded features or plugins - entire site build from scratch and designed with raw CSS

### [SMOKE](#) - [GitHub](#) | [App](#) - MongoDB | Express.js | Node.js | React | CSS

*A social network I designed for creatives to share Intellectual Property*

- Built frontend using React and CSS using react-router-dom features such as useRef, useParams and useLink
- Designed backend architecture is engineered using Express.js implementing an array of data Models with diverse entity relationships
- Achieved MVP 6 days before deadline and added edit functionality to comments and more advanced like buttons
- **LOGIN (to preview)** email: [accawebedevelopment@gmail.com](mailto:accawebedevelopment@gmail.com) password: hireBrian

### [CLEARANCE](#) - [GitHub](#) | [App](#) - Python | Django | PostgreSQL | Materialize

*User-Based online hub for confirmed UAP/UFO Sightings*

- Used Django to design fully interactive database for confirmed UAP/UFO Sightings composed entirely with Python
- Implemented high resolution photo and video storage using AWS S3
- Served as Git Manager for the dev team, handled all merges, migrations, conflicts and code sync
- Added increased resolution functionality for photos and videos as well as a comment thread for specific cases post MVP by adjusting timeout
- **LOGIN (to preview)** username: *recruitersBC* password: hireBrian

### [SLICE](#) - [GitHub](#) | [App](#) - Express.js | Node | MongoDB | Mongoose | JavaScript | CSS | OAuth

*Fully interactive social-media based Power Rankings site for NYC Pizzerias*

- Built entire wireframe to spec using Express.js & Node and utilized MongoDB for Database
- User Interaction and outside authorization achieved using OAuth through Google's People API
- **LOGIN (to preview)** use any Gmail or Google account to access site (oAuth 2.0)

### [Connect Four, Charlie Murphy](#) - [GitHub](#) | [App](#) - HTML5 | CSS | JavaScript

*A humorous take on the classic game Connect Four where you're Charlie Murphy competing against Prince*

- Created and conceptualized game concept using CSS Grid and Flexbox for frontend development
- Designed a modern, comedic frontend theater for gameplay in CSS by using Gif as background image and background-size.

- Composed the winning logic parsing the FlexGrid as an array using Javascript for backend functionality

## CAREER HIGHLIGHTS

### **Freelance, Software Engineer**

*Brooklyn, NY, 04/2023 - Present*

- Full stack developer and Software Engineer with diverse catalog of deployed web applications in Python, Django, Javascript, React, Express.js, NODE.js, CSS, HTML5, Materialize, MongoDB & more
- Contracted to build websites for local & small businesses in New York City
- Exceptional demonstration of front end development skills and highly responsive web design in React.js & CSS

### **Boogie Down Synch, Creative Specialist (Sync Licensing)**

*Bronx, NY, 05/2021 - 02/2023*

- Catalog archivist and creative specialist, music supervisor for trailer music catalog
- Formulaically sorted through entire publisher catalog for keywords and search criteria for pitches and syncs
- Created unique and individually curated playlists for client needs depending on project's lexicon

### **Cut Weirder, Agent and SVP of Public Relations**

*Los Angeles, CA, 02/2016 - 04/2020*

- Founded independent startup agency for unsigned artists on tour who needed professional PR such as *Fruit & Flowers*, *Dream Phases*, *The Bottom Dollars* and *Fiona Silver* leading to several national tours & placements
- Demonstrated exceptional public relations acumen in competitive, high-volume, deadline-based environment
- Utilized superior networking abilities and interpersonal skills securing new press opportunities for artists

### **Knitting Factory Entertainment, Talent Buyer**

*New York, NY, 01/2015 - 01/2016*

- Began as assistant talent buyer but was promoted in first year for Brooklyn's live music venue The Knitting Factory
- Secured booking of live/touring music and comedy acts such as Hannibal Burress and the Dismemberment Plan

### **Bowery Electric, Talent Buyer**

*New York, NY, 01/2013 - 03/2015*

- Began as assistant talent buyer and was promoted to senior talent buyer in 2nd year
- Secured booking of live/touring music acts for both performances spaces of famed music venue on the Bowery

### **STAR Education, Teacher**

*Los Angeles, CA, 02/2012 - 05/2017*

- Taught Music in Schools (K-6) as extracurricular class in school districts who had lost their internal arts programs
- Demonstrated exceptional group dynamics, leadership skills in the results-based environment of a classroom setting

### **Space on White, Curator**

*New York, NY, 08/2012 - 09/2013*

- Curated independent art, dance and performance space in SoHo
- Showcased advanced levels of curation, constructing a diverse, inclusive roster of all major genres and niches ranging from graffiti artists to sculptors, dance troupes to improv groups.

### **TK421 Music, Co-Founder & President**

*Brooklyn, NY, 11/2009 - 12/2012*

- Founded Independent Music Publisher for unsigned recording artists
- Secured high profile sync licenses for signed artists with clients such as *Target*, *Ogilvy* & *Ubisoft*
- Responsible for assembling/scouting entire artist roster, creating unique contract and deal structures per artist (A&R)

### **Warner Music Group, Sync Licensing Coordinator (Video Games & Ads)**

*New York, NY, 06/2007 - 08/2009*

- Soundtracked several high profile video game franchises and advertising firms on the music publishing side
- Secured sync licenses for major artists (*Dr. Dre*, *Led Zeppelin* and others) in titles such as *Grand Theft Auto*, *FIFA*, *Madden*, trailers such as *Fallout 3*, *Bioshock* (and more) for clients such as *Electronic Arts*, *Rockstar* & *Activision*
- Demonstrated ability to excel in high-volume, fast-paced, deadline-centric work environment
- Began as an Intern in June 2007, was hired as Temp while still in college, official position was created for me post graduation

## EDUCATION

### **General Assembly, Software Engineering**

*New York, NY, Graduated: 07/2023*

Full-stack software engineering 420+ hour program focused on product development fundamentals, object-oriented programming, MVC frameworks, RESTful routing, AGILE development, data modeling, cloud based infrastructures and team collaboration strategies. Certification obtained in 2023.

### **Berklee College of Music, Bachelor's Degree in Music Business & Management**

*Boston, MA, Graduated: 05/2008*

Dean's list: 2005, 2006, 2007, 2008

Graduated with honors in 2008.