

David Burch

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<https://github.com/ddb048>

SKILLS

JavaScript, Python, React.js, Node.js, Express.js, Redux, SQL, Git, HTML, CSS3, Alembic, SQLAlchemy, Flask, Sequelize, Docker,

PROJECTS

BeatUp

<https://meetup-api-project-by-david-b.herokuapp.com/> |
<https://github.com/ddb048/API-project>

This is a clone of the site MeetUp written with PostgreSQL, JavaScript, Express, React/Redux

- Backend written to host Users, Groups, Events, Memberships, and Attendance
- Frontend currently utilizes User authorization with sign-up and login, Groups, and Events.
- Posed the challenge of a full-stack solo project completed within two weeks while meeting goals placed within supervisory standup meetings.

Q-Cord

<https://q-cord.onrender.com/>
| <https://github.com/ddb048/Discord-API-clone>

This is a clone of Discord written with Python, Flask, SQLAlchemy, and React/Redux

- Flask websockets and websockets.io were utilized for private chat and communication within channels features
- Backend design allowed for User authorization, Servers, Channels, Chat within channels, and Private chat between users. Backend routes allow for the assignment of Roles within servers for future work towards completion.
- This was a group project among four software engineers completed within a one week period under an advisor with daily standup meetings.

Amplify

<https://amplifydb.onrender.com/>
| <https://github.com/ddb048/Spotify-API-clone>

This is a clone of Spotify written with Python, Flask, SQLAlchemy, and React/Redux

- AWS was utilized to host audio files and images for easier user experiences.
- Backend and frontend written for User authorization, Playlists, Playlist-Tracks, Track-Queue, Likes, and Follows. Search feature will be a future feature which is reaching completion.
- This was a solo project completed within two weeks including daily standups with a supervisor. The time period overlapped Thanksgiving and High Holy Days which required personal life balance.

EXPERIENCE

CEO/ Music Therapist

B&B Music and Therapy Services, Oct 2016 - Current

- Developed and implemented daily group and individual sessions for residential patients with psychiatric, substance use disorder, and post-traumatic stress disorder within the behavioral health and psychiatric setting.
- Contracts were developed and maintained with geriatric facilities to promote professional growth and marketing.
- Managed contracts and sub-contracts within the Houston and San Diego area hospitals, hospice, and other Music therapy practices. Billing for patients, insurance management, and coordination of other therapists and volunteers.

Music Therapy Director

Comfort and Peace Hospice, Oct 2019 - Dec 2021

- Develop and implement therapeutic music therapy sessions for end of life patients. Develop and maintain legacy projects for patients via album recordings, songwriting, performance videos.
- Maintained and developed financial bookkeeping for all company staff with both insurance code training and financial support training for staff and patient families.

EDUCATION

App Academy - Immersive software development course with focus on full stack web development (Summer 2022)

Sam Houston State University - MM - Music Therapy (2018)

(3) Centenary College of Louisiana - BA - Neuroscience, BA - Biology, BM - Music (2013)

Lone Star Community College - AAS - Associates of Applied Science (2009)