Brooke Vonderheid

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Education

Arizona State University   **Feb 2019 – Dec 2021**
Engineering Coursework   *Remote*

Hack Reactor   **Aug. 2022 – Feb 2023**
Software Engineering Immersive   *Remote*

Technical Skills

Languages: Python, Java, C, HTML/CSS, JavaScript, PostgresSQL
System Design: Monoliths/Microservices, Domain-driven Design, Message-Passing, Event Sourcing
Technologies/Frameworks: Mac/Windows, VS Code FastAPI, MongoDB, Django, Front End/Back End

Projects

Movie Mixer | *Python, JavaScript, React, FastAPI*   **December 2022 – January 2023**
- Developed single-page application which allowed the user to create a movie watch list.
- Included a randomized movie trivia game in which the user could test their movie knowledge.
- Built the back-end using fastAPI and the python language, implementing and API known as OMDB
- Successfully deployed the app for continuous development.

Weeb Roulette | *Python, JavaScript, React, FastAPI*   **November – December 2022**
- Developed a single-page application which allowed the user to browse different anime based on title, genre, etc.
- Organized each feature through the utilization of micro services in order to maintain readable code
- Developed a forum section so as to start a community around the roulette feature and to keep users returning to the site.

- Successfully deployed app from Gitlab

CarCar | *Python, JavaScript, React, Django*   **October 2022**
- Designed a mock car dealership website which included an employee and customer management feature.
- Delivered auto-service data to the front end using RESTful APIs.
- Gave the inventory system and each service its own microservice by building a different front-end and back-end for each.
- Collaborated to effectively implement a poller to share data between microservices.

Experience

QVC   **September 2021 – March 2022**
Customer Service Specialist   *Remote*
- Organized/managed nationwide inbound calls from customers
- Answered questions about deliveries and account status, providing solutions to delivery and refund issues.
- Helped customers troubleshoot website issues
- Created and managed customer accounts updating documentation as needed.

Fountain City Coffee   **Feb 2021 – July 2021**
Barista   *Columbus, GA*
- Opened and closed cash drawer at the beginning and end of day while maintaining accurate and precise calculation of deposit.
- Prepared coffee and tea beverages while maintaining conversation with customers to build producer-consumer relationships.