Tobias Fischer

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Technical Skills

Front End: JavaScript, React/Redux, HTML/CSS, Bootstrap
Back End: Express, MySQL, NoSQL, MongoDB, Node.js, Python, Lua, GraphQL
Others: AWS, Jest, Mocha/Chai, Git, Heroku, Firebase, Java, C++, Photoshop

Software Engineering Applications

Full Stack Developer | Groupster (*Node, Express, React, GraphQL, MaterialUI, MongoDB*)

github.com/tobiasafischer/Groupster || Groupster Demo
- Groupster is a full-stack study chatroom application based on connecting users with topic driven chatrooms
- Fleshed out backend with GraphQL, Socket.IO, and MongoDB to handle persistent and realtime chat data
- Groupster utilized Google Firebase to handle secure authentication

Full Stack Developer | RecipEZ - (*Node, Express, React, Bootstrap, MongoDB*)

github.com/tobiasafischer/RecipEZ || RecipEZ Demo
- Dynamically rendered data from Edamam api to compile stylized recipes
- Persisted data on a per user basis with MongoDB
- Utilized bootstrap along with React to create a beautiful and extremely responsive UI

Back-End Engineer | Catwalk: *System design (Node, Express, MongoDB)*

github.com/tobiasafischer/SDC-Reviews
- Improved database seeding time on VM by utilizing file transfer services to circumvent hardware limitations
- Scaled api to handle > 1000 rps utilizing an aws t2-micro EC2 VM with rates from 1, 10, 100, 1000 rps averaging 66ms, 64ms, 64ms, 1000ms with an error rate < 0.1%
- Stress tested microservice to identify system bottlenecks with k6 and loader.io

Full Stack Developer | Catwalk Retail (*Node, Express, React, Bootstrap*)

github.com/tobiasafischer/Project-Catwalk-FEC
- Implemented React hooks and bootstrap to dynamically render reviews for an online retail service
- Worked with REST api to handle data networking for posting and receiving reviews
- Utilized google firebase along with Node.js to handle image uploading

Select Experience

Executive Assistant | Lux Box Agency – *Palm Desert, CA*

2019-2020
- Handled all data entry for Lightspeed POS system conducted with high level of attention to detail
- Delivered expert customer service skills in assisting tenants for vacation rentals
- Adjusted rental rates to optimize bookings based on comparable properties with both Airbnb and VRBO

Education

Hack Reactor| *Advanced Software Engineering Immersive – Virtual*

2021 - 13-week software engineering immersive program with over 1000+ hours of coding. Full-Stack development with JavaScript, React, Express, PostgreSQL, MongoDB, and MySQL in an AGILE environment.

College of the Desert| *Computer Science – Palm Desert*

2019-2020 - Pursued Bachelors degree in Computer Science (Calculus BC, Comp Sci II)