Gabe Goodman

Software Engineer

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Languages & Frameworks	Databases	Backend	Cloud Services
JS React Vue.js	GraphQL {REST}	node.js express	mongoDB realm amazon web services

Projects

📱 E-Mina – Pop Culture Tourism App, github.com/YACT-jp/E-Mina-mobile-frontend

Mobile application for searching and sharing real-life locations from Japanese pop culture

- Led frontend development effort for key features including photo upload, gallery navigation
- Implemented user authentication and account creation using MongoDB Realm cloud services
- Researched & integrated mobile feature libraries such as React Navigation, React Native Maps
- Leveraged frontend frameworks to efficiently rapid-prototype component layout, functionality
- Facilitated communication with backend engineers regarding API endpoints, database structure

📍 Festival Finder – Interactive Map, github.com/Gabe-Gooestival-Finder

Responsive web application guiding users to participating shops for community events

- Designed feature-rich, full stack SPA using modular components, Firebase, React Google Maps
- Deployed full stack application using Firebase Hosting, continuous deployment using Netlify
- Executed preliminary user testing, relayed results to stakeholders during informal meetings

📚 My Media Library – Personal API, github.com/Gabe-Goodman/My-Media-Library

Media API executed using Express, Node.js, PostgreSQL, Knex.js

- Engineered a RESTful API server in Express and Node.js, providing CRUD functionality
- Interfaced with SQL database using Knex.js for JavaScript query-building
- Conducted unit testing using proof-of-concept HTML frontend

Work Experience

🗣️ Assistant Language Teacher, July 2019-Present

JET Program – Tanashi Technical Highschool

- Refined, standardized curriculum benchmarks for department alignment, resource consolidation

🎧 Medical Device Engineering Co-op, January-August 2018

Bose Corporation – Bose Hear

- Informed the development of a direct-to-consumer hearing aid as a cross-functional engineer
- Fabricated looks-like, feels-like models for wear and usability studies using rapid-prototyping

⚕️ Mechanical Engineering Co-op, January-December 2017

Philips Healthcare – Connected Sensing

- Applied knowledge of material properties in designing a biocompatible, wearable biosensor

Education

🎓 ***Northeastern University,*** May 2019

Bachelor of Science in Bioengineering

Concentration in Medical Devices, Minor in Materials Science and Engineering

💻 ***Code Chrysalis,*** December 2021

Advanced Software Engineering Program

Full Stack development with agile methodologies