Beau Badilla

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GitHub: https://github.com/beaubadilla
Site: https://beaubadilla.wixsite.com/portfolio

SKILLS

Languages: JavaScript, Python, C++, Java, HTML, CSS, Bash, SQL, CQL
Technologies: Vue.js, Vuex, Vuetify, Vue Test Utils, Node.js, Jest, Amazon Web Services(AWS), Git, GitHub, Express, Firebase, Socket.io, Webpack, Flask, Kong Gateway, ScyllaDB, SQLite, Postman, Chrome Dev Tools
Operating Systems: Windows, Linux

EDUCATION

California State University, Fullerton   Fullerton, CA
Bachelor of Science in **Computer Science**   December 2019

Related Courses

Web Front-End Engineering	Data Structures	File Structure and Databases
Web Back-End Engineering	Algorithm Engineering	Computer Networking
Mobile Development	Software Engineering	Java Programming

CERTIFICATIONS

AWS Certified Solutions Architect – Associate   June 2020 – June 2023
https://www.youracclaim.com/badges/9b995182-e9ce-46af-80fd-9bca88bf957c/public_url

PROJECTS

Personal

Pihp (Web App with Vue, Express, Node.js, Firebase)
Demo: https://youtu.be/ywLP_dbg_dQ | https://pihp-db.web.app
- Created a single-page application(SPA) to help indecisive diners choose a restaurant
- Successfully deployed front-end on Firebase Hosting and back-end on Heroku
- Implemented REST APIs using Express, the Firebase admin SDK, and 3rd party APIs
- Designed networking and a NoSQL document-oriented data model to a support a real-time chat system
- Partnered with a former classmate and held weekly meetings, code reviewed, and logged our progress

Browser Typing Game (Web App with Phaser 3, Express, Node.js)
https://beaubadilla.github.io
- Built a real-time multiplayer typing game for people to challenge one another
- Implemented websocket APIs through the Socket.io library to connect and synchronize players
- Utilized webpack to bundle the JavaScript, HTML, and CSS that constructed the UI/UX

School

Music Player (APIs in Python)
- Developed REST APIs under a microservice architecture with Flask and SQLite
- Configured Kong API Gateway through curl to handle all routing for API requests
- Redesigned the data model to port our SQL schema into a ScyllaDB NoSQL wide-column database

EXPERIENCE

STEAM Mentor: Bytes & Bots   February 2018 – August 2018
Irvine, California
- Simplified programming and complex concepts for students to understand
- Organized and lead a robotics camp of six students for five days for the Anaheim School District
- Trained K-12 students on soft skills such as self-management, presenting, and decision-making
- Assisted teaching classes of twenty students Python and hardware integration at elementary schools