Joseph Perez

SOFTWARE ENGINEER
joseph@p14.dev | p14.dev

TECHNICAL SKILLS

JavaScript, TypeScript, Node, Express, Inversify, React, Redux, Ruby, Rails, HTML, CSS, MaterialUI, ChakraUI, MongoDB, PostgreSQL, REST, OOP, Docker, Git, Postman, Figma, Adobe Creative Suite

EXPERIENCE

inquirED   Seattle, WA
Web Developer   09/2021 - Present
- Responsible for full stack contributions utilizing TypeScript, Node, Express, Inversify, React, MaterialUI, MongoDB, and AWS S3
- Optimized data structures that handled scalable data to serve over 350,000 users
- Built endpoints for over 25 controllers to lift data handling off of front end applications
- Owned features for third party API integrations (EdGate and Design Huddle) for standardizing curriculum and material customization
- Owned features for OAuth integrations (Canvas and Google Classroom) for assignment migrations
- Maintained 100% API test coverage with over 650 unit tests with Mocha
- Organized technical documentation across 5 applications including the use of Postman
- Scaffolded front end designs with Figma

P14.dev   Seattle, WA
Freelance Web Developer   11/2020 - Present
- Designed and built landing pages and e-commerce websites for creatives
- Tested, documented, and maintained code bases
- Implemented HTML, CSS, JavaScript, TypeScript, React, MaterialUI, and ChakraUI
- Utilized Shopify and Wix for simple projects that don't require ongoing coding maintenance

Beecher's Handmade Cheese   Seattle, WA
Assistant Store Manager   10/2017 - 10/2020
- Managed over 50 employees who served an average of 2,100 customers daily
- Optimized inventory orders to reduce product waste by 80%
- Developed training for new hires and managerial roles as well as roadmaps for growth opportunities

PROJECTS

Emoji Mask - Demo | GitHub
A facial expression masking app that recognizes emotions in order to apply an appropriate emoji
- Built with TypeScript, React, and FaceAPI (built on top of TensorFlow.js)
- Applied FaceAPI to streamline face detection and facial expressions
- Used canvas to apply realtime masking
- Created and implemented an emoji application algorithm that dynamically handles sizing

Message Rewrite - Demo | GitHub
Fitness app that allows users to create their own workout or generate a randomized workouts
- Built with TypeScript, React, and OpenAI
- Utilized OpenAI's ChatGPT-3 to automate responses from customized API calls
- Created responsive design elements to dynamically present different cases

Every Man Jacked - Demo | GitHub
Fitness app that allows users to create their own workout or generate a randomized workouts
- Built with TypeScript, Node, Express, MongoDB, React, and MaterialUI
- Setup with API, CMS, and client applications
- Used context to respond to and modify state changes
- Utilized proper RESTful routing with react-router to optimize code

EDUCATION

Flatiron School   Seattle, WA
Full Stack Web Development, Ruby on Rails and JavaScript program   09/2020 - 02/2021

Park University   Parkville, MO
Coursework in Business Marketing   08/2013 - 05/2015