Ivan Kwong

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Portfolio   LinkedIn   Github

EXPERIENCE

Backend Engineer - *Node.js, MongoDB, RabbitMQ, Jenkins, Docker, Kubernetes, AWS*
August Home, Aug 2019 - Present

- Implemented gRPC into our services that involve entry code management so the feature can be consolidated into one service and its methods can be used in related services
- Enhanced our Airbnb integration by incorporating Airbnb's messaging API for specific communication on access type and whether it was successfully applied
- Built a CRUD feature to enable remote operations for RFID credentials for our external partners so they can manage their property's access via our API
- Document common bugs with debugging instructions and performance dashboards to provide API support and to assist with maintaining reliability of our services

SKILLS

JavaScript, Node.js, Express.js, MongoDB, Jenkins, Docker, Kubernetes, AWS, Ruby on Rails, React.js, Redux.js, PostgreSQL, SQL, D3.js, HTML5, CSS3

EDUCATION

App Academy - Immersive software development course on full stack web development (Spring 2019)
University of California @ Los Angeles - *BA - Sociology with a Specialization in Computing* (Spring 2018)

PROJECTS

Worldflix - *PostgreSQL, Ruby on Rails, React.js, Redux.js, Javascript*   Live Site | Github
A clone of Netflix with scenic videos from around the world.

- Applied a joins table with ActiveRecord and PostgreSQL to allow users to add and remove movies from their list
- Formulated an asynchronous algorithm that utilizes setTimeout and React's setState method to generate a typing simulation for demo login
- Designed a smooth horizontal scrolling and hovering effect on images with CSS3 (WebKit-scrollbar) and HTML5 for the user to easily browse and play different movies

Workable-Jobs - MongoDB, Express.js, React.js, Node.js   Live Site | Github
A job searching website that parses resumes and finds applicable jobs.

- Implemented a resume parser that finds matching keywords in our database, which in turn is used for an API call that fetches related jobs
- Constructed a remote file upload with Multer in Node.js on the backend server to temporarily store resumes

Show Me - D3.js, Axios, Javascript   Live Site | Github
An interactive data visualization for any TV show.

- Created a sunburst chart with D3.js that dynamically adjusts the arc and depth of the chart according to the response payload
- Utilized async/await functionality for external API calls based on the user's input for the query string