Brian Pham

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Technical Skills

- **Front-end Development:** Javascript, Typescript, React, Redux, HTML5, CSS3, JQuery, AJAX, Chakra-UI, Material-UI, TailwindCss, CSS Modules, Sass
- **Back-End Development:** Express, Koa, Node.js, MongoDB, PostgreSQL, MySQL, RESTful API, Python
- **Testing/Deployment Suite:** Jest, Mocha, Chai, AWS: EC2, Vite, Nginx, CI/CD, Docker
- **Developer Tools:** Git, Agile, Webpack, Babel, Object Oriented Programming (OOP), npm, vim, yarn,

Software Engineering Applications

Fullstack Engineer | Community Crossing | github.com/community-crossing   2022
Created a social media platform with a team of 6 engineers using React and PostgreSQL
- Constructed nested sequel queries with json aggregates to create REST APIs that require less calls to the database to prevent server overload
- Suggested architecting the backend code to look like only one engineer coded it to ensure clearer code and future maintainability
- Integrated Google Maps API with location auto complete so users can route themselves clearly from their current location to the posted event

Fullstack Engineer | New.GG | github.com/New.GG   2022
Constructed a simulator to help new players pick a champion for the game LOL using React and MongoDB
- Adopted Riot's Data Dragon API to retrieve the collection of images to bring the art of the League of Legends universe to the application
- Efficiently used Typescript to clearly enforce types so the expected data retrieved from the database through Mongoose is given to the frontend properly for the client to render
- Added visual hover, focus, and loading effects to enhance user engagement using CSS features such as transitions and animations

Front-end Engineer | Atelier | github.com/Atelier   2022
Designed a ratings and reviews section for an ecommerce website with over 10000 products using React
- Implemented a sort and search feature by allowing http requests with query strings to the backend API to retrieve data based on the user's search criteria
- Designed a star rating based on the average of user ratings per product by using an overlay background and matching the width percentage to give the stars color

Back-end Engineer | Fresh Threadz | github.com/FreshThreadz   2022
Deployed a Rest API on AWS ECS for an existing ecommerce front-end application using PostgreSQL
- Created a load balancer with Nginx using 3 servers and implemented caching to achieve response times of as low as 35ms with over 7000 requests per second and 0 error rates
- Optimized requests using nested sequel queries to reduce stress on database and reduce loading time to each endpoint

Professional Experience

Software Engineer Teacher Assistant | Galvanize | Remote   2022 - 2023
- Mentored incoming engineers from 5 cohorts by providing technical guidance with Javascript, React, NodeJS, and database fundamentals to help build out fullstack applications
- Assigned a team to design a web-app called Babycoin and oversaw benchmarks and stretch goals to make sure the project gets built out in a timely manner while meeting its proposed requirements
- Observed students to make sure their deadlines were met and reached out to those who fell behind to help create an improvement program with instructors

Imports Coordinator | Kintetsu World Express | Rancho Dominguez, CA   2021 - 2022
- Coordinated imports for one of North America's top 50 import company's VIP customers
- Maintained constant communication with several business partners to get shipments from sea to land, and the final destination

Education

Hack Reactor | Software Engineering Certificate   2022
California State University, Long Beach | Bachelor of Arts Information Systems   2019