PAUL CHOI

FULL STACK ENGINEER

CONTACT

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TECHNICAL SKILLS

Languages: Javascript (ES5 / ES6)
Front-End: React Native, ReactJS, jQuery, HTML5, CSS3, Cloud Firestore, Redux
Back-End: Node.js, Express, mySQL, Sequelize, MongoDB, Mongoose, PostgreSQL, RESTful APIs
Testing & Deployment: Jest, Enzyme, AWS EC2, New Relic, Artillery.io, K6, Loader.io, NGINX, Gatsby
Developer Tools: Npm, Git, Axios, Webpack, Babel

PERSONAL SKILLS

Creative spirit
Reliable and professional
Organized
Time management
Team player
Fast learner
Motivated

APPLICATIONS

BLU
Express / React / NodeJS / Axios / AWS / Redux / PostgreSQL / GraphQL

App that allows gamers to connect with other gamers for better online multiplayer experiences
- Built an interactive chat box system to update real-time chat messages within specific game lobbies.
- Incorporated a monolith architecture for a functioning app in 1 week.
- Integrated over 7 features for example, a user being able to find friends (Add / Invite / Remove), search online users on any game, start a call between teams and more.

SYSTEM DESIGN & SCALING
Express / PostgreSQL / MongoDB / AWS / NodeJS / NGINX / Loader.io / Relic

Scaling a legacy code base to enhance performance
- Generated 10,000,000 unique records for data set while maintaining low latency queries of 0.026ms (before indexing queries times were 566ms) and with the method of binary search tree indexing.
- Horizontally scaled legacy code to 4 services on AWS EC2 t2 micro instances to serve up 3000 RPS when before only 1 service could only handle 750 RPS.
- Implemented least connection load balancing technique and NGINX caching to handle production level traffic of 10,000 RPS with a latency of 12ms and an error rate of 0%.

GETSY, ETSY E-COMMERCE CLONE
React / Express / NodeJS / Axios / AWS / mySQL

Single page application of display product page
- Built interactive product page to dynamically render over 1000+ of unique items.
- Deployed 4 modules on AWS EC2 through a proxy to serve up one unified product page.
- Implemented mobile friendly architecture with flex-box and css-grid to improve user experience.

EDUCATION

HACKREACTOR
Full Stack Software Engineering Immersive   2020

FULLERTON COLLEGE
Pursued BSN   2015-2019

WORK EXPERIENCE

GEN KOREAN BBQ
STAFF TRAINER

- Utilized leadership to train newly hired employees to be adaptable when opening new locations & branches.bullet 2
- Trained over 500+ new hires while mentoring, evaluating and collaborating with 50 + employees daily in a fast paced environment
- Communicated with employees to time box rotations of customers to achieve daily sales of $25000+ and increase yearly sales by 3%.