Parker Stafford | Seattle, WA

509-309-1961 | parker.stafford92@gmail.com

Software Engineer

Medium | Linkedin | Github

Technical Skills

Languages: *JavaScript (es5,/es6), Python*
Back-End: *Node, Express, MongoDB, MySQL, PostgreSQL, Cassandra, GraphQL*
Front-End: *React, Next.js, CSS3, HTML5, jQuery, Bootstrap*
Testing: *Mocha, Chai, Enzyme, Jest, Artillery*
Tools & Techniques: *OAuth, git, Agile, remote pair programming, webpack, Postman, AWS, Heroku*

Applications

Aquabnb | Back-end Engineer   github repo
Booking application   Node, Express, PostgreSQL, AWS (ec2), NGINX, redis, New Relic, loader.io, Artillery

- Inherited legacy code base with the goal of optimizing the backend for high web traffic
- Optimized all CRUD queries for PostgreSQL database to be under 10ms through appropriate column indexing
- Implemented LRU caching with redis improving response times by ~30% and requests per second by ~50%
- Horizontally scaled microservice and proxy server using NGINX load balancing improving RPS by ~300%

Beartnt | Full-stack Engineer   github repo
Booking application for vacations and travel   React, Node, Express, MongoDB, Enzyme, Jest, AWS (ec2, S3)

- Collaborated with a team to build a booking application using agile workflow and service-oriented architecture
- Proactively led team to use catch all routes and query parameters to dynamically render data based on each listing
- Utilized React Hooks, portals, and styled components to create a responsive and dynamic user experience

DnD Mana Tracker | Full-stack Engineer   github repo
Mana tracking application for DnD campaigns   Next.js, GraphQL, OAuth, Bootstrap, PostgreSQL, AWS (ec2)

- Implemented SSR using Next.js creating an optimized application for both users and SEO
- Designed GraphQL API to prevent over-fetching and provide client-side developers with predictable data shapes
- Architected login flow using OAuth to create secure yet simple authentication for users

Professional Experience

Galvanize | *Software Engineering Immersive Resident*
Remote   2021-present

- Mentored over 80 students in full stack technologies including Javascript, React, and Node.js
- Reviewed code and provided daily feedback to facilitate student development as Software Engineers
- Enhanced students' technical and non-technical communication skills and problem solving processes

Spike & Ai International | *3rd & 4th grade Homeroom Teacher*
Yokohama, Japan   2019-2020

- Developed and redesigned 3rd & 4th grade English Curriculum for future teachers to help students become more proficient in speaking, listening, reading, and writing

Interac Japan | *Assistant Language Teacher*
Hiroshima, Japan   2017-2019

- Taught live observation lessons for Japanese teachers to increase the quality of English education in the region
- Facilitated communication and translation between Japanese teachers and foreign English teachers to produce quality English lessons

Education

Hack Reactor | Advanced Software Engineering Immersive   2021

Western Washington University | B.A. Behavioral Neuroscience | B.A. Philosophy   2015
Awards: Program Scholarship | Outstanding Graduate

Personal

I lived in Japan for three years and can speak Japanese at a conversational level.