

 San Francisco Bay Area, CA
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IVAN LEE

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TECHNICAL SKILLS

Back-end – JavaScript, Node.js, Express.js, NGINX, AWS, Docker, MySQL, PostgreSQL, Cassandra, MongoDB, Redis

Front-end – React.js, Redux, jQuery, Webpack, Git, Babel, HTML5, CSS3

FULL-STACK SOFTWARE ENGINEERING PROJECTS

Restaurant Reservation App – *NGINX, React.js, AWS, PostgreSQL, Cassandra, Node.js* **Jun – Jul 2019**

- Generated 10 million records of dummy restaurant reservation data to simulate production-level workload and carefully designed database indexes
- Stress-tested and bench marked relational and non-relational DBMS systems (including PostgreSQL and Cassandra) to eliminate server-side bottlenecks
- Refactored legacy code of a restaurant reservation service, optimized system architecture through multi-level horizontal scaling on AWS, and increased throughput from 200 to 1000 RPS with 200 ms latency and 0% error rate

Stock Trading App – *React.js, Express.js, Webpack, MySQL, AWS, Docker, Style Components* **Jun 2019**

- Designed RESTful back-end to a Docker-deployed MySQL container, ensuring comprehensive error-handling and secure Express Router redirection
- Implemented secure business logic in React client-facing component, enabling a snappy, modular and clean UI/UX
- Deployed to AWS and optimized code for render speed while maintaining low time-complexity data lookups.

Travel Watch List App - *JavaScript, React.js, Express.js, Node.js, HTML, CSS* **May – Jun 2019**

- Displays real-time map data from Google Maps API based on destination title input by users
- Implemented data rendering via React and RESTful API via Express.js
- Designed user-friendly front-end interface using CSS

EDUCATION

University of California, Berkeley Extension **Graduated 2015**

- Certificate of Accounting (with Distinction), CGPA 3.8+

University of California, Davis

- Bachelor of Arts, Asian American Studies **Graduated 2012**

PROFESSIONAL EXPERIENCE

Sales Auditor, Syufy Enterprises (San Rafael, CA) **Apr 2017 – Nov 2018**

- Analyzed reconciliations and financial reports of large businesses including public markets, movie theatres, restaurants, golf courses, and gyms
- Audited each business for proper cash handling procedures and communicated with employees/banks/third party services to solve financial variances that saved thousands of dollars

Accounts Payable Assistant/Payroll Coordinator, Terra Millennium (Richmond, CA) **Nov 2012 – Oct 2013**

- Oversaw over 7,000 field employee records throughout the US and coordinated 700 employee union payroll between six regional offices
- Responsible for setting up, balancing, and paying weekly direct deposits and payments

ADDITIONAL INFORMATION

Interests – Exercising: Building strong body and mind, pushing past limits, consistently improving oneself