Chenfeng Lai

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Summary

- 5 Years experiences in delivering delightful and scalable customer facing web applications with deep understanding about SPA, PWA, SEO, SEM, JWT, Web Performance, Service Worker, Security and Nginx.
- 2 Years experiences in leading and managing multiple digital marketing products in financial industry.
- Highly self-motivated in solving problems and learning new technologies. Actively contributing to front-end open-source projects.

Skills

JavaScript, Angular, NgRx, TypeScript, Node.js, SASS, CSS, HTML5, Webpack, Java EE, Spring Boot, Junit

Responsive Design, Git, SQL, NoSQL, Docker, Protractor, Jasmine, Cucumber, AWS, Kubernetes

Experience

Marlette Funding - Lead Software Engineer, Manager   Jun 2018 - Present, United States

- Led two front-end engineers and delivered a new responsive web application using Angular 6+, NgRx, TypeScript, Spring Boot, and AWS Aurora. Ensured 99.8% SLA, received 95%+ positive feedbacks, generated 7M+ revenue, and proceed 50M+ payments during the first six months from existing customers.
- Saved 10 hours manual testing effort per sprint by leading two interns to build out an automated E2E cross browser testing project with Page Object Model, Docker, CircleCI, Protractor, Cucumber and Chai.
- Leading a near time voice recognition and NLP solution to discover customers' recording to business insights by leveraging Slack Webhook, AWS S3, Transcribe, Comprehend, Aurora and Lambda (Node.js).

Barclays - Senior Software Engineer   Jul 2016 - Jun 2018, United States

- Generated 20M+ revenue and improved 20% NPS by delivering a decision engine to proactively re-engage and retain credit card holders using Spring Boot, Angular 2+, Spark and Python.
- Reduced 40% the first page load time and 20% login API response time by analyzing web app and API performance. Tested and implemented prefetch, client side cache, webpack and multithreading solutions.
- Designed and developed a responsive web application by using Sketch, Angular 2+, Node.js and mongodb to help marketing to craft targeted contents and deliver carefully tailored customer experience.
- Significantly improved sentiment analysis effectiveness by 50% after delivering a Python web crawler, NLTK and D3.js solution.

Barclays - Software Engineer   Jan 2015 - Jul 2016, United States

- Accelerated marketing KPI reporting cycle by 50% after leveraging Tableau, Tableau Server and SQL.
- Automatically detected offer fulfillment failures by scanning and visualizing ETL reports & web services logs through ELK and Tableau to reduce defect response time by 86%.

University of Delaware - Research Assistant   Jan 2013 - Jun 2014 , United States

- Successfully led and developed a ranking system with 85% forecast accuracy for U.S. Olympics committee to evaluate potential Judo athletes by using ELO, Python and Excel.
- Led and coached undergraduates to promote their websites by launching social media campaigns, integrating with Google analytics and evaluating visitor volumes.

Education

University of Delaware - Master of Business Administration (MBA)   2013 - 2014, United States

1st Place, 2014 Carol A. Ammon Case Competition, Lerner College MBA Program Scholarship,

University of Delaware - Information Systems & Technology Management (MS)   2011 - 2013, United States

2nd Place, 2013 Carol A. Ammon Case Competition, Lerner College MIS Program Scholarship,

Beijing University of Chemical Technology - Polymer/Plastics Engineering (BE)   2006 - 2010, China

Excellent Graduation Thesis, National Invention Patent