Chang Moon

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Skills

- React, Typescript, Javascript, Node, Java (Spring, Apex), SQL, Tanstack, Jest, Tailwind, Redux, Backbone, Salesforce, Git, Vite, Webpack, Agile, BDD, TDD, Docker, Jira, CI, Sentry, Papertrail, Jotai, CSS-in-JS, Pendo

Experience

Revenue.io | *Senior Software Engineer*   2020 - 2025

- Architected and oversaw the migration of our Salesforce app into React, removing 40% of the codebase and revitalizing our legacy product while improving performance and aligning with company-wide branding.
- Optimized Platform Event usage by restructuring real-time data change processes, ensuring events stayed within Salesforce's 50,000 event/hour limit while maintaining responsiveness.
- Diagnosed and resolved a critical production bug in the logging service, unblocking workflows for +100,000 employees, implementing a hotfix that immediately restored functionality and prevented further disruptions.
- Pioneered vital library components used across all our enterprise software including Data Tables, Composable Forms, and Drag N Drop features, improving developer productivity and UI consistency.
- Cut test times in half implementing a mocking framework across frontend and backend, reducing feedback delays between onshore and offshore teams and freeing up time for development and exploratory testing.
- Reimplemented Papertrail and Sentry to enhance logging and error tracking, significantly cutting production issue resolution time by 3x through faster identification and diagnosis.
- Reduced build times by 70% by revamping our monorepo eliminating dependency conflicts that previously blocked deployments, and empowered teams to deliver features faster with fewer regressions.
- Spearheaded the migration of our Backbone app into React and led weekly coffee and code sessions to mentor teams on technical best practices and standards throughout the process

Next Trucking | *Software Engineer*   2019 - 2020

- Developed a GraphQL-Node microservice with the Nest.js framework to aggregate and shape from various domains and create flexible data representations of issues and metadata about shipments so developers could access enriched data more efficiently, reducing API complexity and improving response times.
- Architected and built two React-Redux green-field applications which streamlined future development by serving as a blueprint for new projects enabling faster onboarding and improved code consistency.
- Implemented Elasticsearch to optimize speed for a searching feature to help improve operations efficiency.
- Promoted Integration-based tests with Behavior-Driven-Development using React-Testing Library and Spring's TestRestTemplate to focus on end-to-end user interactions rather than implementation details.
- Addressed tech debt negligence by converting all of the codebase to Typescript, eliminating the VO concept and introducing selectors in our front-end monolith accelerating development and reducing bugs.

Charon GraphQL | *Software Engineer - Open Source*   2018 - 2019

- Engineered an opinionated GraphQL caching module to promote data integrity and prevent redundancy by normalizing query results, yielding a data cache that is straightforward to manipulate and invalidate

Skillshot Media | *Software Engineer Intern*   2018

- Developed with Java-based framework (Spring Boot) to speed up development; employed Apache Maven to automate the build process, and delivered HTML with Thymeleaf for fast parallel development.

MHY Group Inc | *Front-end Developer*   2015 - 2018

- Built a restaurant web page with React, Node, & PostgreSQL while using a mobile-first approach with CSS-in-JS to progressively style and enhance. Deployed to AWS Elastic Beanstalk using Docker.

Education

Georgia State University | B.S. Computer Science | *Magna Cum Laude*