Daniel Lang · Madison, WI

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Technical Skills

Languages: Java, Javascript/Typescript, SQL, HTML, CSS
Frameworks / Libraries: React, Jest/Vitest, React Testing Library, Redux, Gradle, Spring Boot, JUnit, Mockito, Next.js
Databases / Messaging: PostgreSQL, Redis, Kafka, Oracle
Tools / Misc: Node.js, WSL, Linux, IntelliJ, VSCode, Jira, Postman

Work Experience

Software Engineer, Cubic Corporation   Aug. 2022 - Present
- Reduced build time of a project from 2.5 hours to 20 minutes, significantly accelerating development for multiple teams (shared repository of Java, Angular, and React)
- Led the effort to integrate GitHub Copilot Instructions into a project, marking the company's first use of the feature
- Cut initial load time from login to landing page of customer facing application by 50% through code splitting, lazy loading, and performance optimizations
- Introduced new data fetching technique via Redux instead of manually fetching with useEffect, resulting in less bugs for users and a better developer experience
- Added Prettier, ESLint, and pre-commit hooks to enforce coding standards and streamline code reviews
- Collaborated across multiple Java microservices to support new REST APIs, order flows, and data validations for the company's backend order system with over 30 million daily users worldwide
- Piloted the use of Windows Subsystem for Linux (WSL), improving local development build times by up to 25%
- Implemented a new "Fare Not Paid Invoice" payment type, enabling deferred fare payments for transit users

Software Developer, Sentry Insurance   June 2020 - Aug. 2022
- Served as primary developer for an Auto Liability Reporting system (Java/Spring), enhancing compliant policy reporting through automated nightly batch jobs
- Integrated REST APIs across multiple projects to enable real-time policy data retrieval and reduce manual reporting steps
- Implemented feature allowing business users to retire Workers Compensation holds via UI, removing need for devs to run manual DB scripts which require manager and DB admin approval
- Contributed to a variety of projects, including rating inputs, workers' compensation, and front-end enhancements, adapting rapidly across domains
- Improved on-call process by creating extensive documentation around common alerts

Education

Milwaukee School of Engineering, Milwaukee, WI   Sept. 2016 - May 2020
B.S Software Engineering