Cody Defgraffe-Niles

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SKILLS

React, TypeScript, Java, Kotlin, SpringBoot, Git, HTML, CSS, DataDog, SQL, React Testing Library, Jenkins

EXPERIENCE

Software Engineer   *Clover,* July 2022 - Present
- Planned and implemented a user-friendly, accessible form validation strategy for a redesigned merchant onboarding application; the redesign increased both conversion rates and application approvals by 10% each.
- Co-architectured and developed a feature intertwining two microservices and a React application that dynamically rendered users' carts leading to a 16% increase in submissions.
- Improved and maintained three web applications (Typescript/React) and four Kubernetes microservices, (Java/Kotlin) for Clover digital sales acquisition to produce a smoother user experience for prospective merchants.
- Provided timely and thorough code reviews, frequently as the primary reviewer, ensuring the code upheld coding standards, met product requirements, and did not introduce bugs.
- Completed spikes and investigative work to determine the scope and difficulty of engineering tasks resulting in confluence docs and well-defined Jira tickets.
- Proactively addressed tech debt, e.g., switching tests from Enzyme to RTL, to keep code bases in line with the latest industry standards and increased code coverage by 10%.
- Collaborated with other engineering teams in utilizing and improving shared internal libraries.
- Participated in on-call rotations and leveraged tools, such as DataDog and Grafana, to meet SLAs in fixing user-facing bugs and achieve 99% uptime of the team's services.
- Helped architecture and execute the conversation of a monolith into microservices.
- Onboarded a newly hired junior software engineer and provided one-one sessions covering coding practices, project workflows, and team standards.

Additional Experience

2nd Shift Grocery Lead   *Shoprite,* February 2018 - Dec 2021
- Trained 50% of the grocery staff for a new store in time management skills, forklift operations, and customer service skills culminating in being extended a manager position.

EDUCATION

Williams College - *BA, cum laude*   August 2013 - June 2017
App Academy - 16 week immersive software development course   December 2021 - April 2022