

Corder Guy

Software Engineer – Backend & Infrastructure

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Summary

Experienced software engineer with 5+ years building backend and full-stack systems at scale. Led infrastructure and platform projects supporting hundreds of users at Two Sigma. Expertise in REST APIs, CI/CD pipelines, and system reliability. Strong track record of delivering production software, mentoring developers, and driving cross-team initiatives in fast-paced environments.

Technical Skills

Languages & Frameworks:

Java, Python, TypeScript, HTML/CSS, Angular, React, Dropwizard, Flask, Web Components

Tools & Ecosystems:

Git, GitHub/GitLab, Jira, Jenkins, ELK Stack, Linux, Windows, REST APIs, CI/CD Pipelines

Collaboration & Practices:

Unit & Integration Testing, Agile Methodologies, Technical Mentorship, Cross-team Collaboration

Work Experience

Software Engineer | Two Sigma | Houston, TX

August 2019 – November 2024

• Technical Lead – Infrastructure Engineering

- Led design and implementation of a translation service connecting a vendor alerting platform to internal infrastructure.
- Delivered the majority of the code, wrote internal documentation, and onboarded teams.
- Maintained a high-reliability REST API with caching, Slack integration, and robust error handling.
- Scaled an intern prototype into a platform used by 200+ internal users.
- Built Java backend services with Dropwizard and CI/CD pipelines in Jenkins.

• Software Developer – Model Release Controls

- Volunteered for a cross-team compliance initiative following a firmwide model deployment incident.
- Independently gathered requirements from the Modeling Data Engineering team and designed an approval-tracking system integrated with Jira.
- Built a microservice that assigned release IDs, monitored Jira workflows, and surfaced progress to modelers and pipeline automation.

• Mentorship, Hiring, and Culture

- Mentored three interns (two shipped to prod); selected projects and provided technical guidance.
- Defined goals and requirements for one intern beyond standard mentorship.
- Conducted 50+ full-time interviews and trained new interviewers in structured evaluation techniques.
- Ran office-wide Hacker Lab workshops on soldering, amateur radio, and 3D printing to foster hands-on creativity and team engagement.

• UI Modernization

- Volunteered to pilot adoption of Web Components as a cross-team UI strategy at the firm.
- Collaborated with engineers from other teams to unify two parallel UIs into a single shared component.
- Co-designed and deployed a streamlined UI that reduced total lines of code by 70% and improved maintainability.

Education

Texas A&M University | College Station, TX

Graduated May 2019

Bachelor of Science in Computer Science

Minors: Cybersecurity, Mathematics