

Ryan Couto

[EMAIL](#) • [GITHUB](#) • [LINKEDIN](#)

EXPERIENCE

Preply - Barcelona, ES

Senior Software Engineer, Developer Experience (June 2024 - Present)

- Implemented ECR Docker Hub pull through cache
- Increased CI stability in Jenkins/Kubernetes from 90% to 97%
- Led company wide effort to standardize PR title format, improving discoverability

Twitter - New York, NY

Senior Software Engineer, Developer Experience (August 2021 - November 2022)

Software Engineer II, Continuous Integration (October 2017 - August 2021)

Software Engineer, Distributed Execution (August 2016 - October 2017)

- Organized and led customer outreach cadence with owners of core system libraries
- Mentored and onboarded all of team's new-hires and interns
- Led CI team in cross-functional effort to migrate from Pants to Bazel build tooling
- Designed, created JIRA tickets, distributed work, and created Aurora Mesos service based merge queue CI for monorepo
- Fully automated quarantining of failing tests & compilations in monorepo
- Designed and implemented log parsing & error reporting service
- Contributed to [Bazel-API](#)-compliant remote execution on [Scoot](#)
- Brought newly created Aurora Mesos distributed execution infrastructure ([Scoot](#)) to fruition, serving production traffic for all monorepo CI tests
- Managed 100k instance fleet of distributed execution workers
- Maintained CI jobs responsible for ensuring code health of monorepo, along with Jenkins infrastructure used for all other repos' CI suites

Sweeten - New York, NY

Software Developer, Full Stack (August 2015 - August 2016)

- Increased contractor/homeowner matching efficiency by writing recommendation engine utilizing both content-based and collaborative filtering
- Saved repeated hours of manual QA testing before releases by implementing RSpec/Capybara/Selenium test suite
- Scraped contractors' past project information from NYC DOB database, leading to more robust matching data

Lawrence Berkeley Laboratory - Berkeley, CA

Software QA Analyst (August 2012 - August 2013)

- Worked with developers to test web-based applications and stored procedures
- Created automated UI tests with HP QuickTestPro

EDUCATION

UC Berkeley - *Bachelor's in Applied Mathematics: Statistics, 2014* - Berkeley, CA

SKILLS

Golang, Python, Git, Groovy, Java, AWS, Jenkins, Kubernetes, Distributed Systems, Continuous Integration, Bash, YAML, Aurora/Mesos