

# Angela Guardia

## Software Engineer

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### SKILLS

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**Programming Languages:** Python, Ruby, SQL, HTML/CSS  
**Technologies/Tools:** Bazel, Pants, GitHub/Git, Phabricator, Jira, JenkinsCI, Tableau  
**Databases/Frameworks:** Mysql, PostgreSQL, Rails  
**Concepts:** Scripting, OOP, REST, Mocks & Stubs, Agile

### EXPERIENCE

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**Software Engineer II** | Twitter, Inc. | New York, NY, United States Sept 2022 - Present

- Architect, design, and implement software to facilitate the migration of Twitter's build tool from Pants to Bazel to improve developer productivity and development velocity at Twitter
- Create bash and python scripts to automate the migration of 1000+ BUILD files in 400+ directories and their corresponding PRs to minimize friction for migration across multiple engineering teams
- Create infrastructure (parsing scripts, schemas, backing databases, and front-end metrics) to continuously track production services using deprecated tooling in order to prevent migration-related production issues
- Minimize Bazel migration regressions by making relevant target types compatible with Bazel by default
- Prevent Bazel migration scope creep by making all new python and jvm terminal targets invisible to Pants

**Software Engineer I** | Twitter, Inc. | New York, NY, United States Mar 2021 - Sept 2022

- Migrated critical linting infrastructure from Pants to Bazel to ensure the continued health of Twitter's monorepo
- Redesigned critical linting tools by fully leveraging Bazel's strengths (i.e. bazel query feature) to improve code quality and performance
- Designed and created metrics to communicate, track, and drive migration progress for 130k+ targets across hundreds of teams
- Routinely unblocked customers and stakeholders through on call rotations and active participation in engineering support channels

**Project Engineer** | KSI Engineering, Inc. | Bakersfield, CA, United States Apr 2018 - Jul 2019

- Saved 15+ staff-hours weekly by improving meeting efficiency through data-driven dashboards

**Mechanical Engineer** | Enbridge, Inc. | Western Canada Jul 2016 - Mar 2018

- Supported the operability and reliability of a 0.7BSCFD natural gas processing plant

### EDUCATION

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**Turing School of Software and Design** | Back-End Software Engineering May 2020 - Jan 2021  
**University of Alberta** | BSc. Mechanical Engineering - Biomedical Option Sep 2011 - Apr 2016

### VOLUNTEERING

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**Speaker** | Turing School & Ladderly | [ladderly.ca](https://ladderly.ca) Jan 2021 - Present

- Empower underrepresented folks in tech and engineering through professional development talks