

# Kostas Pagratis

SR. SOFTWARE ENGINEER

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## Summary

Highly motivated and experienced software engineer with experience in management and deployment of Software Engineering projects including requirements definition, solutions design, implementation, maintenance, testing, support, deployment, enhancements, decommissioning, and final delivery. Knowledgeable in managing multi-functional development teams while utilizing Agile methodologies. Innate ability to adapt to new technologies, architectures, and solutions while striving to ensure code quality and Engineering best practices. Skilled collaborator with years of pair-programming experience and a phenomenal addition to your team culture.

## Skills

**Recent** Java, Scala, JUnit, Mockito, Database Integrations, SQL, JavaScript, Python, Distributed Systems, Kafka, Git, REST  
**Past** Rust, AWS, GCP, Unix Scripting, Ant, Maven, C, C++, React, Redux, AngularJS

## Work Experience

### Workday

Boulder, CO

SR. SOFTWARE ENGINEER

Feb. 2023 - Present

- Had immediate impact by adding Postgres support while simultaneously cleaning up and simplifying existing codebase.
- Stepped in as storage component owner and provided guidance and vision for future work.
- Improved test tooling which resulted in a 66% reduction in test suite execution times.
- Implemented Try monad for adoption in code base and replaced problematic error-prone solution.
- Mentored junior developer and aided her in topics such as bug investigation, design, and conflict resolution.

### Twitter

Boulder, CO

SR. SOFTWARE ENGINEER

Oct. 2015 - Jan. 2023

- Developed an embedded MySQL testing framework now included in finagle and finatra OSS projects facilitating embedded integration testing for MySQL solutions. Additionally developed internal enhancements to integrate with build and CI systems used at Twitter seamlessly. Drove widespread adoption by migrating users and liaising with teams to prioritize efforts.
- Headed a team responsible for implementing an org-wide migration to Bazel while advising teams on how to best tackle issues related to the effort.
- Delivered widespread code health improvements across all of Twitter's code including upgrading mockito across thousands of tests.
- Full stack development of Twitter's developer platform encompassing all levels of the technology stack from backed service development to front end React/Redux development.
- Developed a bulk compliance solution to help Twitter data customers keep large datasets in compliance.
- Mentored junior developers and interns from new hire to first promotions.

### Flatirons Solutions

Boulder, CO

TECHNICAL LEAD

May 2008 - Oct. 2015

- Led various teams tackling custom digital asset management projects across multiple sectors.
- Implemented a global portal for Disney Consumer Products customers to acquire digital assets while improving processing times by multiple orders of magnitude.
- Implemented a test authoring and compilation system for Cambridge Assessments and supported the project through the entire lifecycle, starting with in-depth data-modeling and discovery through final delivery and support.
- Modernized Boeing's technical writing apparatus with a new bespoke solution built upon partner technologies.

### Rogue Wave Software

Boulder, CO

CONSULTING ENGINEER II

Aug. 2005 - May 2008

- Provided on-site consulting with customers for requirements gathering, design specification, solution installation, testing, and debugging.
- Ported RogueWave products between various operating systems and compilers including but not limited to RedHat, Solaris, HP-UX, IRIX, gcc, SunPro, HPaCC, and XLC.
- Established expertise and comfort with exploring and debugging unfamiliar code bases.

# Education

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**University of Colorado**

B.S. IN COMPUTER SCIENCE AND ENGINEERING

*Boulder Colorado*