

Danny Hyun

Contact

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Public Speaking

Ratpack Async

[Mastering Ratpack Async](#)

Greach March 2017

GR8Conf EU June 2017

GR8Conf US July 2017

Ratpack Workshop

[Hands on Ratpack](#)

Devoxx US March 2017

GR8Conf EU June 2017

GR8Conf US July 2017

Rapid Ratpack Web Dev

[Rapid Ratpack Groovy](#)

[Web Development](#)

GR8Conf EU June 2016

Rapid Ratpack Web Dev

[Rapid Ratpack Java](#)

[Web Development](#)

JEEConf May 2016

Testing Ratpack Applications

[Testing Ratpack Applications](#)

Greach April 2016

Spring Boot and Ratpack

[Spring Online Webinar](#)

Online March 2016

Intro to Ratpack Workshop

[Hands On Ratpack](#)

Devoxx BE Nov 2015

Contributing to Groovy Open Source

[Contributing to Gr8 Tech](#)

Gr8Conf EU July 2015

Intro to Groovy Workshop

[Groovy Safari](#)

Gr8Conf EU July 2015

Contributions to Open Source

Ratpack Core Team Member

<http://www.ratpack.io>

AsciiDoctor Gradle Examples

<http://asciidoctor.github.io/asciidoctor-gradle-examples/>

<https://github.com/danhyun>

Work Experience

Netflix

Los Gatos, CA

Senior Software Engineer

Oct 2017 – Present

I drive engineering productivity through change management, enabling engineering orgs to focus on product feature development. By introducing source code insights and improved artifact observability I scaled technical debt management from a handful of people powered campaigns to 1,000+ automated change campaigns. Security teams became our biggest stakeholders enabling them to scale vulnerability management across 20k+ source code repositories, 60k+ published artifacts, and 70k+ active web services. As the organization prioritized increasingly complex campaigns I became lead of the Campaign Data Foundations team. I created a reusable platform enabling TPMs to reduce average projected completion times from years to less than one year for 90% of the ecosystem.

Highlights:

- Owned and operated a polyglot code insights product providing insights across Netflix's source code repositories
- Improved efficacy of automated change campaign platform for build artifacts by 40%; enabled engineering org to remediate [Log4Shell](#) incident in a matter of weeks
- KPI metric development for reducing time to compliance

Technologies:

GraphQL, Kotlin, Java, Groovy, Spring Boot, react/typescript, cockroachdb, Redis, MySQL, Elastic search, Hollow, AWS, docker, node, yarn, gradle, python, pandas, streamlit

HBO

New York, NY

Technical Lead

Sept 2016 – Sept 2017

Responsible for delivery of business critical features for Studio/Content asset readiness and management. Initially managed just the Offering and Delivery teams, eventually expanding to cover the Mirage and Console teams as well. Daily work involved scoping and breaking down business requirements to weekly sprints, providing technical guidance over the software development lifecycle to all of the teams in our org, and getting ahead of blockers by regularly syncing with the other technical leads and our director. I built productivity tooling to help reduce time spent away from delivering on our specs (e.g. catalog reconciliation, productizing catalog data for use in testing, automatic test backed REST documentation).

Highlights:

- HBO NOW to HBO GO migration
- Downstream HBO media assets onboarding
- Upstream licensing widow spec changes
- Media processing improvements: Dynamic content serialization, cloud native encoding, Java to Node migration for microservices

Technologies:

Java, Spring Boot, Spring MVC, apache cxf, groovy, spock, gradle, maven, nodejs, mongodb, aws, docker

Mindspark

New York, NY

Senior Software Engineer

Oct 2014 – Sept 2016

Modernized the Platform team's tech stack and quickly deployed new applications to help maintain Mindspark's competitive edge in the market. I reduced time to market for existing applications while driving new projects to respond to the rapidly changing landscape of toolbar/extension based browser products. Organized and ran a continuing series of in-house tech exploration and a training series where we'd discover and employ new technologies. Built a set of tools to automate tedious manual tasks, speeding up the application deployment lifecycle. Worked cross functionally to improve developer productivity (centralized logging/containerization/scheduling/deployments).

Highlights:

- Driving automated UI testing ([geb](#)/selenium web driver based)
- Driving observability/monitoring/alerting efforts for our business critical paths: static assets, splash page responsiveness
- Reducing technical debt by leveraging modern technology: maven → gradle, svn → git, Java 6 → Java 8 and driving cultural change to devops focused development
- Creating a new product delivery platform to decrease time to market; page CMS (manage and deploy new Chrome tab products)

Technologies:

Java, Spring Boot, Spring MVC, apache cxf, groovy, spock, gradle, maven, nodejs, mongodb, aws, docker

AHALife

New York, NY

Senior Software Engineer

Nov 2013 – Oct 2014

Maintained e-commerce site. Improved site reliability through log centralization, system metrics, and business metrics. Built a new platform to support our vendor relationship managers by automating vendor onboarding. Implemented product recommendation engine (neo4j), as well as geb/spock for automated functional testing.

SayForExample, Inc.

New York, NY

Software Engineer

May 2010 – Nov 2013

Introduced application performance monitoring for business critical paths (user onboarding pipeline, memory leaks, slow response times). Built tooling to decrease payment processing time (2 days to 4 hours-profile snapshots). Created new single page apps (new admin dashboard/Vindale mobile).

Sound Harbor

New York, NY

Lead Developer

June 2009 – May 2010

Event Public

New York, NY

Java Junior Developer

July 2008 – June 2009