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Senior engineer and leader with 10 years experience specializing in developer/internal tooling for the Java ecosystem.

Professional Experience

Target, Remote

June 2021 - present

Member of a small team maintaining 30+ microservices and hundreds of batch jobs that pipe targeted and/or personalized marketing messaging to various platforms (email, SMS, push) on a large scale. Microservices are Java with Spring Boot and batch jobs use Scala with Spark. Database technologies include Cassandra, PostgreSQL, and Hive.

Accomplishments

- moved common code across 30+ projects into 10 libraries
- established Gradle, Vela (CI), Artifactory release pipeline for libraries
- upgraded 30+ microservices and libraries to Gradle 7 and Spring Boot 2.6
- added dependency scanning and other security tooling to CI/CD pipeline
- setup a staging environment including configuring clusters, database tables, and throttling for incoming Kafka messages
- enhanced observability by adding more metrics and graphs in Grafana

Joe Biden for President, Remote

June 2020 - November 2020

- enabled the 50k+ volunteers nationwide and 20k+ in battleground states to send millions of text messages per day
- constrained by integration tools with 1rps rate limit, still managed to handle 7rps spikes in a system built with Ratpack, Groovy, Redis, Caffeine, Dropwizard, and more
- transformed 5+ GB CSV files from vendors into s3 and spectrum tables
- created slack bots to integrate with texting program security

- performed website QA especially a11y and i18n
- improved build performance and security with CodeKit, npm, and Gradle

Gradle, *Remote EU & Remote US*

October 2018 - May 2020

Developer Advocate

- wrote Java and Groovy-based POCs for Gradle and Gradle Enterprise features using both the Groovy and Kotlin Gradle DSLs
- maintained the infrastructure for various documentation projects using Asciidoc, Jekyll, Gradle, GitHub Pages, TeamCity, IntelliJ Idea, and more
- acted as an intermediary between the millions of Gradle developers and Gradle's engineering teams including basic support, providing references to the relevant documentation, and escalating as needed
- Promoted Gradle as a thought leader in Developer Productivity

Developer Advocacy Team Lead May 2019 to May 2020

- set long-term strategy with upper-level management
- led collaborative projects with engineering, marketing, and sales
- managed the event and content strategy for advocacy topics
- reviewed content and code for Developer Advocacy and other teams

Zenjob, *Berlin, Germany*

Senior Engineer June 2017 - September 2018

- maintained a Grails-based internal admin dashboard to monitor millions of transactions per day
- added static analysis and code coverage tooling into the build pipeline increasing stability and reducing bugs in the codebase
- architected and implemented backend APIs
- led the project and completed a majority of the work for a Grails 3.0.17 to 3.3.6 migration. This included updates to the relevant dependencies and build tools.
- was responsible for various leadership tasks related to
 - hiring and recruiting
 - improving development processes
 - mentoring working students
 - training developers new to Groovy, Grails, and Gradle

Object Partners, Inc., *Minneapolis, MN, USA*

Senior Consultant, March 2015 - August 2016

Client: Peoplenet

Altegra Health, *Minneapolis, MN, USA*

Software Engineer, June 2013 - February 2016

Group DCA, Parsippany, NJ, USA

Web Developer, January 2012 - May 2013

Education

Technical University of Denmark, *Lyngby, Denmark*

Fulbright U.S. Student Program, August 2016 - May 2017

Hamilton College, *Clinton, NY*

Bachelor's Degree, Completed December 2011

concentration in computer science

Books

97 Things Every Java Programmer Should Know

- Builds Don't Have To Be Slow and Unreliable
- Only Build the Parts That Change and Reuse the Rest
- Open Source Projects Aren't Magic

Honors & Awards

- Participant of PANDA Women Leadership Contest 2018
- 2016-2017 Fulbright US Student Program in Denmark

Community Work

- Owner of the Groovy Community Slack
- Crew/Committee member for various developer conferences

Open Source Contributions

Codenarc rules, Spring REST Docs examples, Groovy docs, Gradle docs, guides, and various plugins