

Kevin Houtz

· SENIOR SOFTWARE DEVELOPER ·

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Core Skills

Languages Kotlin, Java, Groovy

Frameworks Spring Boot, Guice, Grails, Ktor

Technologies Docker, PostgreSQL, Terraform, Kubernetes, ArgoCD, Elasticsearch, AWS

Experience

Midwest Tape, LLC – Senior Software Developer

February 2023 - Present

Provides digital media services for libraries, allowing patrons to checkout electronic content with their library card.

- Implemented a new rating system, allowing libraries to restrict content that may be inappropriate to certain audiences.
- Migrated a suite of backend rest services from Java 1.8 to Java 11

Unifyd – Senior Software Developer

February 2022 - January 2023

Data processing company, able to match messy data using a combination of manual training and machine learning, which allows customers to gain marketing insights.

- Introduced an automated test suite which increased coverage from 0% to 65% to safely pay back tech debt
- Built a kubernetes cluster to host environments for each Github pull request for manual testing and QA
- Technologies used: Kubernetes, Docker, Java, Kotlin, Elasticsearch, PostgreSQL, ArgoCD, AWS

Rocketmiles – Senior Software Developer

February 2021 - January 2022

Whitelabel hotel and car rental booking company that integrates with airline loyalty programs, allowing customers to book hotels and cars with miles/points.

- Technical lead of the payments team: mentor, scope requirements, work with other teams, and planned sprints in order to launch payment processors for the whitelabel platform
- Added 3 currencies and 2 payment processor available to the payment page, allowing more transactions in more regions

Software Developer

October 2019 - February 2021

- Joined users from 4 different application databases to be used from a single, unified datastore
- Migrated customer PII to an encrypted datastore with no interruptions to application uptime
- Launched new partners on the whitelabel platform as part of the launch team
- Technologies used: Groovy, Grails, Java, Kotlin, MySQL, Terraform, AWS

Signal – Software Developer

September 2018 - August 2019

Ad-tech company with large amounts of data, and a backend based largely on message queues.

- Worked on the activations team writing and maintaining Java applications, increasing reliability, maintainability, and visibility into the pipeline
- Reduced processing time from hours to 15 minutes for batch jobs by converting a web application to run in a container and orchestrated by AWS Batch
- Technologies used: Java, Kotlin, Terraform, Docker, AWS Batch, Step Functions, Lambda

Clarity Partners LLC – Senior Software Consultant

January 2015 - September 2018

Technology consulting firm that mostly works with the City of Chicago, Cook County, and Illinois government entities, providing IT services as well as custom development.

- Used the city's GIS tools to write an application to detect over-saturation of moratoriums issued for a given geographic space, in order to prevent companies from doing too much work in "easy" areas and leaving other areas unmaintained.
- Transitioned the Chicago vehicle registration program from summer sales only, to year round sales
- Wrote a Java web application to allow users to purchase vehicle registration stickers issued by Chicago