



# Brandon Fergerson


Sr. JVM Developer (Code Analysis Specialty)

## Summary

I am hard-working, self-motivated, require little to no supervision, and continuously yield exceptional results. My primary hobby revolves around source code analysis, which impresses upon me increased proficiency in programming concepts and patterns. Throughout my career, I've utilized my affinity for programming to give training sessions, talks, and open-source contributions toward the progress of software development.



## Contacts

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## Skills

### Languages

Java/Kotlin/Groovy (10/10)   
TypeQL (9/10)   
SQL/HQL (8/10)   
JavaScript/TypeScript (6/10)   
Python (5/10)   
Scala/Go/C#/Bash (4/10) 

### Frameworks

Vert.x/gRPC (10/10)   
REST/GraphQL (10/10)   
Spring Batch/Boot (8/10)   
WildFly/JBoss (7/10)   
Hibernate/JDBC (7/10)   
DropWizard/Micronaut (6/10)   
Lombok/Immutables (5/10)   
RESTEasy/Play! (4/10)   
Apache Camel (4/10) 

### Technologies

Maven/Gradle/Git (10/10)   
Apache SkyWalking (10/10)   
PostgreSQL/MySQL (9/10)   
Docker/Redis (9/10)   
Digital Ocean (8/10)   
GitHub Actions (7/10)   
Caddy/APISIX (6/10)   
Kubernetes/Helm (6/10)   
AWS/Heroku (5/10)   
Elasticsearch (4/10)   
MongoDB/InfluxDB (4/10) 

## Work Experience



### 2023 | Founding Engineer

2022 | CodeBrig, Inc.

Led the development of **Source++**, the continuous feedback platform for developers, from concept to prototype, with a compelling beta product to be released in 2023. Learned APM & JVM internals, IntelliJ plugin development, working with contractors, and how to contribute to the open-source community via "The Apache Way."

- **Highlight:** Created first fully functional open-source continuous feedback platform
- **Highlight:** Received praise from originating academics behind continuous feedback
- **Stack:** Apache SkyWalking, Vert.x, IntelliJ OpenAPI/PSI, ByteBuddy, ASM, DigitalOcean

### 2021 | Sr. Java Developer (Remote)

2019 | Future Wonder Co. + Various Contracts

Transitioned from full-time to part-time work and began research on what would eventually become Source++. Became known within the TypeDB (formerly Grakn) community while prototyping Source++ ideas, which led to speaking at their first conference and contract gigs to train startups on TypeQL (i.e. **SQL-To-Graql**).

- **Highlight:** Became an Apache Committer and spoke at ApacheCon@Home 2020/2021
- **Highlight:** Gave plenary talk (200+ audience) in London at Grakn Cosmos 2020
- **Stack:** TypeDB, Apache SkyWalking, Play!, DropWizard, MongoDB, Flask, AWS, Heroku

### 2019 | Sr. Java Developer (Local)

2014 | Kobie Marketing, Inc.

Hired as a Junior Developer, with zero formal education, thanks to demonstrated aptitude displayed in early open-source contributions (e.g. **Beam**). Led several initiatives to modernize monolithic platform including: SOAP to REST conversion, JBoss to WildFly upgrade, Spring Boot/Batch introduction, and Docker workflow.

- **Highlight:** Hired as Junior Developer to become Team Lead in company record timing
- **Highlight:** Solved long-existing production memory leak through extensive profiling
- **Stack:** JBoss, WildFly, Spring Batch, Spring Boot, Hibernate, Infinispan, Jenkins

Official Committer



Official Committer

