

Holden Lippert

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SKILLS

Languages: Python, Java, Scala, Kotlin, SQL, TypeScript, Shell scripting

Frameworks & Libraries: React, Node.js, Spring, DGS

Tools & Practices: MySQL, AWS, Redis, Git, Unit Testing, CI/CD, GraphQL, Agile, Scrum

EXPERIENCE

Software Engineer II at Indeed (*Remote*) February 2022 - July 2025

- Led development of gRPC API layer for Indeed's access management system of record, backed by AuthZed SpiceDB (permission graph on CockroachDB), designed to handle 55K requests/sec with 95th percentile latency of 10 ms and 99.999% uptime
- Built change data capture pipeline using Debezium and Kafka to ensure eventual consistency between legacy and modern permissions systems, supporting the migration of employer-facing products to more robust and secure solution
- Developed GraphQL API in Kotlin with DGS and Spring to integrate team data into company-wide supergraph, powering employer-facing permission management and supporting access checks across 120 clients
- Drove team migration to company-wide microfrontend platform, aligning UX with company standards, improving maintainability, and reducing network calls
- Delivered platform and UI for making and managing access requests, reducing friction for non-admin users and driving adoption of secondary accounts on Indeed
- Worked with team leadership to develop request intake and stale ticket cleanup processes, streamlining triage and backlog grooming
- Implemented real user monitoring (RUM) with DataDog in frontend and built a usage dashboard, giving product managers insight into user behavior and funnel performance

Software Developer at Infosys (*Hartford, CT - Remote*) Oct. 2020 - February 2022

- Developed SQL-based dashboards providing clients real-time visibility into operational KPIs, enabling process optimization across multiple business units
- Completed internal certifications in .NET full-stack and Java development; trained in and provided support for Delmia Apriso development and troubleshooting

Teaching Assistant at Rice University: CS Department (*Houston, TX*) Aug 2017 - May 2020

- Taught 300 students Python and Java while leading grading efforts of 15 TAs to ensure timely, consistent feedback

EDUCATION

Rice University (*Houston, TX*) Aug 2016 - May 2020

B.A. in Computer Science & B.S. in Mathematics - Cum Laude (GPA: 3.90/4.00)