

King David Simmons III

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SENIOR SOFTWARE ENGINEER

Results-driven Senior Software Engineer with experience building scalable backend and full stack systems using Java, Kotlin, SQL, NoSQL, and AWS services. Proven success in designing high-impact services, increasing user discoverability, and driving measurable outcomes across millions of users. Adept at cross-functional collaboration, rapid problem solving, and improving team velocity through code quality and mentorship. Passionate about creating efficient, reliable solutions and continuously growing through learning and team leadership.

SKILLS

Java | React | Spring Boot | GraphQL | PostgreSQL | REST APIs | Kotlin | JavaScript | TypeScript | AWS | Docker
Git | Selenium | CI/CD | Unit and Integration Testing | Agile

PROFESSIONAL EXPERIENCE

THE HOME DEPOT, Remote Software Engineer II

August 2025 - Present

Supported the design, maintenance, and deployment of internal services for pricing, logistics, and vendor communication. Worked across GCP infrastructure, pub/sub messaging, relational databases, and test automation to ensure service reliability and production readiness. Collaborated with cross-functional teams on architecture, debugging, and last-mile delivery under tight deadlines.

- Implemented trace context propagation across multiple Pub/Sub services, enabling full end-to-end observability and reducing root-cause debugging time by 30%.
- Built a reusable E2E testing framework with templates, a dynamic test data generator, and onboarding docs to reduce manual setup time by 50%.
- Delivered last-minute architectural fixes to resolve critical production blockers before deployment, preserving delivery timelines for systems used by 1,000+ internal users.
- Managed GCP resources including Pub/Sub, BigQuery tables, and scheduled queries, optimizing data flow across 100,000+ daily events.
- Led backend deployments and schema changes for PostgreSQL and Oracle databases across 5+ services, ensuring reliable rollouts and maintaining zero-downtime standards.

INDEED, Austin, TX Software Engineer

May 2022 - July 2025

Developed and maintained reusable React components, Backend services and GraphQL APIs for user-facing dashboards, collaborating closely with designers to improve usability and performance. Contributed to CI/CD pipelines and Docker based deployment, automated testing, and production deployment processes to improve system reliability.

- Designed and launched a profile enrichment system using Java, Kotlin, Spring Boot, PostgreSQL, and AWS S3, increasing profile completeness by 50% and improving discoverability for millions of job seekers.
- Enabled profile-based discovery for 40M+ US and 230M+ global users by leading launch-critical sourcing opt-in efforts using Java and React, resolving 10+ bugs, enhancing UI, and building dashboards to monitor adoption.
- Built and deployed scalable microservices using Kotlin and Spring Boot, integrating with REST APIs and PostgreSQL, and automating infrastructure setup with Terraform to interact with AWS S3.
- Improved email engagement for external profiles by leading backend and frontend efforts and utilizing A/B testing, achieving a 15–20% uplift in open and conversion rates.

- Reduced feature delivery time by ~25% using AI-assisted development tools; collaborated with UX and PMs to optimize user flows and acceptance criteria.
- Mentored 3+ new engineers, led retrospectives, and introduced process improvements that enhanced team communication post-reorg.
- Refactored legacy privacy components using React, reducing code duplication by 30% by combining three React components into a single, maintainable component.

GENERAL MOTORS, Austin, TX

January 2021 - April 2022

Software Developer In Test

Designed and executed automated tests for backend RESTful services to ensure stable integrations across frontend and backend systems. Collaborated with developers and QA to define test plans, acceptance criteria, and improve automated tests coverage in a fast-paced Agile environment.

- Automated UI and REST API tests for 15+ features using Java, Selenium, and REST Assured, reducing regression testing time by 50%.
- Improved test automation workflows and CI/CD pipelines in a SAFe Agile environment, increasing iteration velocity by 37%.

EDUCATION

Bachelors of Science (BS) Computer Science

University of Georgia, Athens, Georgia