Jaden Stittsworth

Senior Software Engineer | Backend & Full Stack

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SUMMARY

Senior software engineer with backend and full-stack ownership across financial services and assessment software. Delivers Java, TypeScript, Go, and AWS applications from workflow design through production support, including developer tooling, release verification, and AI-assisted delivery.

EXPERIENCE

IRALOGIX

October 2024 - August 2026

Senior Software Engineer

Remote | Contract via Apex Systems October 2024 - May 2025, then full-time

Primary engineer across the IRA backend, Staff Portal, customer/partner portal UI, and Amazon Connect stack. Company platform: $1.3B under administration and 365,000 accounts.

- Owned the care-agent application and call workflows for the Salesforce-to-Amazon Connect migration across React, Go, and AWS Lambda. Delivered caller authentication and customer context. Configured and integrated Connect's built-in call and voicemail summaries.
- Made account lookup **roughly 4× faster** in recorded comparisons of the same scenarios. Resolved recurring cold-cache timeouts with a Valkey cache in the contact-center AWS region, refreshed nightly from the first region's cache.
- Owned the distribution wizard's workflow, interface, and backend with domain experts. Translated withdrawal and withholding rules into branching, calculations, and validation, requiring customers to revisit affected steps after changing earlier answers.
- Built enrollment and account-creation flows across three portals using React/TypeScript and Node/GraphQL. Delivered six major IRA features including federal/state withholding and integrations with Plaid, DocuSign, and ACH processing.
- **Eliminated a data-loss defect** across Java services and two portals by designing a partial-update API and updating its clients to preserve omitted fields.
- Fixed distributions stuck awaiting signature after completed DocuSign signing. Corrected event mapping and status handling, reconciled affected requests, and verified signing through downstream processing.
- Delivered MFA through Amazon Cognito, Java backend integration, and RabbitMQ messaging to keep enrollment status consistent across services.
- Executed 31 production deployments in 2025 with zero critical incidents from those releases. Resolved 13 critical production bugs, including eight P0/P1 issues, at under 24 hours average turnaround.
- Wrote and ran the ECS-to-EKS verification playbook using Argo CD and Datadog to check deployments and production requests. Used the findings in shared release decisions.
- Built the reusable Angular table that became the Staff Portal standard. Filtering, sorting, pagination, and consistent layouts improved record discovery and comparison. Operations requested it on additional screens.
- Reviewed 96 pull requests across 12 repositories for a 15-engineer team, catching API compatibility issues, requiring realistic test coverage, and guiding shared implementations.

EXPERIENCE CONTINUED

Talogy Tech / PSI Online
2022 - 2024

Software Engineer, SDET then Full-Stack Developer

Pittsburgh, PA

- Built assessment workflows across Angular/TypeScript and Spring Boot, connecting REST services and implementing step progression, validation, and error handling.
- Refactored the test automation suite and worked with product and engineering teammates to prioritize important workflows missing from coverage. Added tests alongside feature development, reducing manual testing effort and shortening feedback before release.

Tata Consultancy Services / PNC Bank
2021 - 2022

Software Developer / Lead Test Analyst

Pittsburgh, PA

- Designed and built Java Swing and Spring test-data tooling used by **50+ QA engineers** to create, repair, and customize records through one application.
- Integrated services owned by different teams, translating user inputs into service-specific requests, coordinating multi-step calls, and handling service errors.
- Worked with service owners to resolve missing capabilities and adapt integrations to available endpoints. Coordinated release testing.

AI-ASSISTED DELIVERY

IRALOGIX: Built setup code and tailored test environments after agent-written changes passed isolated tests but failed application workflows. Used Claude Code hooks, rules, and subagents to run applications and supporting services. Required realistic workflow checks, test evidence, and human review before production release, retaining technical decisions and release-readiness ownership.

TECHNICAL SKILLS

Languages & frontend: Java, TypeScript/JavaScript, Go, Python, Rust, SQL; React, Angular, Next.js, Vue, Tailwind

Backend & data: Spring Boot, Spring Security, OAuth2, Keycloak, Node.js, GraphQL, REST APIs, FastAPI, PostgreSQL, RabbitMQ, Redis/Valkey

Cloud & delivery: AWS Lambda, Amazon Connect, Cognito, ECS/EKS; GCP Cloud Run, Artifact Registry, Workload Identity Federation; Docker, Kubernetes, Argo CD, Datadog, OpenTelemetry, GitHub Actions, Jenkins

Testing & AI: JUnit, TestNG, Selenium, Cucumber, RestAssured, Appium, Pytest, Vitest; Claude Code, MCP, Anthropic SDK, multi-agent orchestration, LLM evaluations

Financial systems: Federal/state IRA tax withholding, Plaid, DocuSign, ACH, audit trails, MFA

EDUCATION & TRAINING

Cydeo | Pittsburgh, PA
Java full-stack development coursework, 2023
SDET Bootcamp, December 2019 - May 2020