

JOEY KING

SOFTWARE ENGINEERING | TECHNICAL DELIVERY | WORKFORCE AUTOMATION

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Software engineer with end-to-end ownership of internal automation services and legacy API modernization. Translates operational problems into requirements, system designs, and production releases; coordinates dependencies and business validation across teams. Experience leading an award-winning prototype, mentoring juniors, and supporting enterprise applications. B.S. in Computer Science; MBA in IT Management in progress.

PROFESSIONAL EXPERIENCE

USAA | Remote

Dec 2022 - May 2026

Software Engineer

Workforce Digital Services | Automation Engineering

Audit Engine | Audit-event service

- Owned requirements discovery, MVP definition, system design, Jira backlog development, implementation, and release of a Java/Spring Boot and Kafka audit-event service used by approximately four teams and 10 automation applications.
- Partnered with analytics to enable seven-year audit-event retention in Snowflake; coordinated data-platform dependencies, built an API to query stored events, and added a React/TypeScript UI using Mantine with pagination, date-range filtering, and role-based access controls.

Chimera | Deployment API modernization

- Led a Go rewrite of a legacy JBoss-based deployment API using GORM, spanning roughly 12 endpoints and 17 stored procedures; implemented most of the new service and completed retirement of the legacy API.
- Owned release scheduling, execution, and rollback decisions; coordinated software delivery as business validator and introduced phased cutovers of one or two endpoints at a time while retaining the legacy API.
- Improved query performance by removing unnecessary SQL joins and redundant iteration; reconstructed legacy behavior with software-delivery users and produced a detailed user and testing guide.

Notify | Shared notification service

- Built and released a Spring Boot service supporting Slack, email, SMS, and Windows dialogs, plus Slack/email pipeline components; coordinated Slack integration approvals and extended the existing C#/.NET remote-execution API for Windows notifications.

Leadership and innovation

- Conceived Aegis and led a three-person team to first place in the 2025 Workforce Digital Services Season of Innovation competition, owning MVP definition, system design, task allocation, and the judges' demonstration.
- Built the Aegis remediation prototype to process findings from a mock ServiceNow service, update dependency versions in a GitLab repository, open merge requests, and send Slack notifications.
- Mentored six interns across two summer cohorts, setting priorities, approving merge requests, and adjusting scope; guided the 2024 cohort to a production Chimera UI release within six weeks.
- Led pipeline-migration work for the team's internal cloud applications, implementing changes across multiple languages and frameworks, documenting repeatable migration steps, and guiding support-team contributors.
- Implemented a Python/FastAPI backend for a team-developed Agile-metrics proof of concept presented at an internal innovation event.

Application Developer I (Contract)

- Contributed features and fixes across six internal applications using TypeScript, Vue.js, C#, and .NET, including time-entry and purchase-order/equipment-tracking workflows.
- Participated in three enterprise go-lives and provided post-launch support for an application portfolio serving an estimated 5,000 users; worked directly with users in live troubleshooting and debugging sessions.

EDUCATION

Western Governors University

Expected Feb 2027

Master of Business Administration, IT Management

Western Governors University

Apr 2024

Bachelor of Science, Computer Science

CERTIFICATIONS

ITIL 4 Foundation | AXELOS/PeopleCert | Current through Jan 2027

AWS Certified Cloud Practitioner | Current through Dec 2026

LPI Linux Essentials | Earned Jan 2024