

# Evan Williams

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## SKILLS

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**Programming Languages:** Java, Python, Golang, Typescript, Javascript, SQL

**Programming Frameworks:** Sprint Boot, Angular, ReactJS, React Native, SwiftUI

**DevOps Tools:** Amazon Web Services, Terraform, GitLab CI/CD, Git, Docker

**Certifications & Trainings:** AWS Certified Cloud Practitioner Foundational, Linux Security Fundamentals (LFS216)

## PROFESSIONAL EXPERIENCE

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### Full-Stack Software Engineer

Jun 2022 - Present

*Kingland Systems - Remote (Clear Lake, IA)*

- Developed and supported an enterprise-level web application utilized by the world's leading public accounting firms. Implemented product features and triaged defects in both Java (Spring) and Typescript (Angular), maintaining code quality through unit and integration testing with JUnit and Gauge. Conducted regular release deployments utilizing GitLab Continuous Integration and Continuous Deployment (CI/CD).
- Refactored the Terraform codebase for the major 4.0 release, contributing from design to code review. Implemented ephemeral environments to improve release frequency, testing, and reliability. Developed Python scripts for pipeline jobs to automate deployment processes, eliminating application downtime entirely and reducing deployment times by 75%, from 8 hours to 2 hours.
- Contributed to achieving the lowest number of support tickets in the project's history, reducing the average ticket count from 90 to 20 and significantly reinstating client satisfaction. This involved investigating client data issues, identifying application-breaking bugs, and automating support processes with AWS integrations.
- Participated in on-call rotations, resolving a critical application downtime incident for our largest client, Deloitte, and ensuring adherence to our 99.9% uptime service-level agreement (SLA).
- Engaged daily with the PostgreSQL database, writing SQL queries to analyze data discrepancies and manually resolving issues to ensure the accuracy and integrity of the client's data.
- Onboarded interns and new developers by introducing project tools and best practices, conducting peer coding sessions, and ensuring seamless integration into team workflows and procedures.

## TECHNICAL PROJECTS

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### Novel (Web App)

- Designed and constructed a full-stack web application for users to discover, review, and discuss popular books.
- Supports user login authentication, profile customization, and search and filtering functionality so users can quickly find and sort books by author, genre, or rating.
- Built with a React frontend and a NodeJS backend, leveraging PostgreSQL for database storage and management.

## EDUCATION

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**Iowa State University**, Ames IA - GPA: 3.80 / 4.00  
Bachelor of Science in Computer Science

August 2018 - May 2022