

Katie Klein

Software Engineer

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EXPERIENCE

Cloud Software Engineer

June 2022 – Present

First National Bank of Omaha

- Work in a team using Agile Methodologies to design, develop, test, and deploy REST APIs and back-end services for a Credit Card as a Service product using Node.js/TypeScript and AWS Cloud Development Kit
- Collaborate with product team and other stakeholders to ensure development aligns with business requirements, translating them into effective solutions
- Serve as a technical resource for other engineers to give and receive code feedback, provide domain expertise, and maintain cross-team functionality and knowledge
- Lead team meetings surrounding design and implementation of new features, improvements, and fixes
- Create and maintain GitLab CI/CD pipelines for automated testing and deployment flows
- Communicate with integrated third-party vendors to ensure a mutual understanding of requirements and troubleshoot issues in development and production environments
- Optimized existing code and infrastructure by leveraging asynchronous processes, improving API response times by 80%
- Identified common points of failure and refactored code to prevent them, reducing production alerts by 30% and improving data consistency
- Architected and implemented event-driven design for monthly data reporting batch process, focusing on recoverability and scalability while adhering to strict compliance regulations and complex business logic

Software Engineer Intern

March 2022 – June 2022

First National Bank of Omaha

- Identified bugs and implemented fixes to improve features and solve for edge cases
- Built out APIs to enable the credit decisioning flow from application to account creation, integrating with third-party APIs and webhooks
- Created OpenAPI documentation for new APIs used for customer servicing, credit decisioning, and account management services

EDUCATION

Bachelor of Science in Software Development

2022

Bellevue University

Bellevue, NE

Bachelor of Arts in English

2017

University of Wisconsin – Eau Claire

Eau Claire, WI

SKILLS

Cloud Development: AWS Cloud Development Kit (CDK), Lambda, API Gateway, SQS/SNS, CloudWatch, Step Functions, EventBridge, DocumentDB, S3

Languages: TypeScript, JavaScript, Java, Python

Technologies and Developer Tools: Node.js, Jest, MongoDB, SQL, Git, GitLab, JIRA, IntelliJ, Visual Studio Code