

Jordan Lucas

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SUMMARY

Lead **Java** developer with 14 years of experience delivering secure, highly available applications for banking and payments. Guides architecture, technical decisions, **cloud modernization**, and delivery across Java 17 and 21, **Spring Boot**, microservices, REST APIs, Kafka, AWS, Kubernetes, and OpenShift. Recent work includes a 38 service payment platform, Java 21 modernization, AWS workloads across EKS, Lambda, EC2, DynamoDB, Kinesis, and CloudWatch, plus event safeguards for reliable payment processing. Leads Agile Scrum teams through code reviews, mentoring, architecture sessions, incident reviews, and delivery planning. Applies OAuth2, TDD, BDD, Infrastructure as Code, observability, **performance tuning**, and database optimization across regulated systems.

EXPERIENCE

Lead Java Developer, Payment Platforms

March 2023 - Present

Harborline Financial Systems

Columbus, OH

Owns architecture and technical direction for a regulated payment platform with 38 Spring Boot services. Guides Java modernization, AWS delivery, event integration, production reliability, and Agile Scrum execution. Partners with product, risk, compliance, architecture, operations, and business leaders while mentoring a 10 engineer team.

- Defined boundaries for 38 Spring Boot services, giving payment teams clearer ownership and safer releases.
- Modernized settlement services with **Java 21**, Hibernate, JPA, and **Spring Batch** for traceable daily processing.
- Designed EKS, **Lambda**, EC2, DynamoDB, Kinesis, and CloudWatch workloads for regulated transaction flows.
- Established **Kafka** contracts, idempotency, and replay procedures that reduced duplicate payment processing risk.
- Led reviews and mentoring for 10 engineers, aligning architecture choices with product and risk priorities.
- Used **Datadog**, **Splunk**, testing, and runbooks to shorten diagnosis during peak processing incidents.

Senior Java AWS Engineer, Banking Services

July 2019 - February 2023

Blue Cedar Banking Solutions

Cincinnati, OH

Led cloud modernization for online banking services, moving application capabilities into Spring Boot microservices and REST APIs. Owned secure API delivery, AWS infrastructure, event driven integration, release automation, testing practices, and developer mentoring across Docker, Kubernetes, and OpenShift environments.

- Decomposed online banking capabilities into Spring Boot services and **REST APIs** for container deployment.
- Built OAuth2 protected APIs with scopes, audit logging, threat reviews, and automated security checks.
- Created Jenkins and **GitLab CI** pipelines with JUnit, Cucumber, Karate, and release approval gates.
- Provisioned ECS, EKS, EC2, and network resources through Terraform, **CloudFormation**, Ansible, and **AWS CDK**.
- Connected account, fraud, and notification services with Kafka, **RabbitMQ**, **IBM MQ**, and Kinesis.
- Mentored six developers in TDD, BDD, diagnostics, and Spring design through architecture review forums.

Java Microservices Engineer, Payment Systems

January 2016 - June 2019

Redwood Payment Technologies

Indianapolis, IN

Engineered merchant authorization and settlement services across Java, Spring, Drools, REST, batch, and relational data platforms. Supported event integration, container operations, production troubleshooting, and test automation while translating payment rules into maintainable service behavior.

- Translated payment rules into Drools decisions with versioned rule sets for merchant authorization.
- Tuned Oracle and **PostgreSQL** queries, indexes, **JPA** mappings, and connections for settlement windows.
- Introduced Kafka schemas, retries, dead letter handling, and recovery procedures for transaction events.
- Containerized services with **Docker** and supported **Kubernetes** readiness checks, resources, and controlled rollouts.
- Converted recurring production defects into JUnit and Cucumber regression scenarios through TDD.
- Traced service latency with Linux, **shell scripting**, Splunk, and **Dynatrace** during support rotations.

Java Software Engineer, Commerce Applications

August 2013 - December 2015

Northstar Digital Commerce

Dayton, OH

Developed Spring and Hibernate capabilities for high volume commerce workflows covering orders, **payments**, customers, and integrations. Improved database performance, testing, deployment checks, and production readiness through Scrum delivery and practical operational ownership.

- Developed Spring and **Hibernate** workflows for orders, payments, and customers against **Oracle** databases.

- Created REST endpoints and adapters with validation, logging, and compatible contract changes.
- Tuned SQL and JPA mappings using execution plans and load tests before seasonal releases.
- Applied **TDD** with **JUnit** for service logic, business rules, and failure path coverage.
- Automated Linux deployment checks with shell scripts, reducing manual variation during scheduled releases.
- Handled defect triage and production investigations through Scrum planning and peer review.

Associate Java Developer, Account Applications

June 2012 - July 2013

Lakeview Application Services

Akron, OH

Built Java and Spring features for internal account servicing applications under senior engineering guidance. Completed scoped changes through design clarification, Hibernate and SQL implementation, testing, integration validation, deployment checks, and Scrum review.

- Built **Java** and Spring features from clarified designs through tested releases under senior guidance.
- Implemented Hibernate mappings and SQL queries for customer and case data validation.
- Added JUnit coverage for service and persistence layers, helping reviewers isolate defects.
- Tested REST integrations with downstream applications and corrected validation failures before release.
- Used Linux commands and shell scripts to review logs, package builds, and verify deployments.
- Participated in Scrum ceremonies, code reviews, and production defect analysis with senior engineers.

PROJECTS

Payment Event Reliability Modernization 📅 2025

Created a resilient event processing approach for payment and account flows using Kafka contracts, idempotency controls, replay procedures, and CloudWatch visibility. Work supported safer recovery and clearer operational response across distributed services.

Cloud Native Banking Migration 📅 2022

Moved online banking capabilities into Spring Boot microservices running across Docker, Kubernetes, OpenShift, and AWS. Release automation, OAuth2 controls, infrastructure code, and automated testing supported repeatable delivery.

Settlement Data Performance Program 📅 2018

Improved settlement processing through Oracle and PostgreSQL query tuning, JPA mapping review, index analysis, and Spring Batch adjustments. Regression testing protected reconciliation behavior during release cycles.

LEADERSHIP & AWARDS

- AWS Certified Solutions Architect recognition, 2025, for advanced cloud architecture leadership.
- Engineering leadership recognition, 2023, for guiding payment platform modernization and team mentoring.
- Delivery quality recognition, 2021, for dependable banking releases and practical developer coaching.

EDUCATION

Bachelor of Science in Computer Science

2012

University of Akron GPA: 3.5

Akron, OH

***Coursework:** Software Engineering, Database Systems, Operating Systems, Distributed Systems*

CERTIFICATIONS

- AWS Certified Solutions Architect Professional 📅 2025
- AWS Certified Developer Associate 📅 2022
- Certified Kubernetes Application Developer 📅 2021

TECHNICAL SKILLS

- **Java Development:** Java 17, Java 21, Spring Framework, Spring Boot, Spring Batch
- **Persistence Technologies:** Hibernate, JPA, Oracle, PostgreSQL
- **Event Messaging:** Kafka, RabbitMQ, IBM MQ, Amazon Kinesis
- **AWS Services:** EC2, ECS, EKS, Lambda, EMR, CloudWatch
- **Infrastructure as Code:** Terraform, CloudFormation, Ansible, AWS CDK
- **Containers and Platforms:** Docker, Kubernetes, OpenShift
- **Testing Frameworks:** JUnit, Cucumber, Karate, TDD, BDD
- **Security Technologies:** OAuth2, enterprise security, audit logging
- **Observability Tools:** Splunk, Datadog, Dynatrace, CloudWatch
- **Delivery Automation:** Jenkins, GitLab CI, release automation

- **Data Engineering:** Advanced SQL, DynamoDB, NoSQL, database optimization
- **Operations and Systems:** Linux, shell scripting, incident management

SKILLS

- Java 17/21
- Spring Boot
- Microservices
- REST APIs
- Kafka
- AWS
- Kubernetes
- OpenShift
- CI/CD
- TDD
- BDD
- JUnit
- SQL
- Stakeholder Management
- Agile Scrum

PROFESSIONAL AFFILIATIONS

- Agile Scrum leadership contributor, supporting team planning, reviews, mentoring, and delivery accountability.
- Cloud architecture review participant, shaping Java, AWS, security, and platform standards.
- Financial services engineering community member, sharing payment platform and production reliability practices.

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST