

Erin Johnson

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Languages: English (native), French (Basic)

Professional Summary

Software engineer with 3+ years of experience building and scaling high-impact, production-grade systems across React, Node.js, Java, and cloud platforms. Proven track record of owning features end-to-end, modernizing backend architectures, and delivering data-driven solutions used across core financial workflows. Recognized for translating complex technical problems into reliable, scalable systems, improving performance, developer efficiency, and user experience across distributed teams and mission-critical applications.

Technical Toolbox

Programming Languages

Python, Java, JavaScript/TypeScript, SQL

Backend & Services

Node.js, Express, Spring Boot, REST APIs, GraphQL, Microservices, Junit, Gradle, Hibernate

Frontend & UI

React, Material UI, Bootstrap, HTML, CSS

Distributed Systems & Data Pipelines

Kafka, PySpark, Azure Databricks, high-volume data processing, SQL optimization

Cloud & DevOps

AWS (EC2/S3), Docker, CI/CD (Azure Pipelines, Harness, GitHub Actions)

Observability & Tooling

Splunk, Power BI, Postman, Git/GitHub/GitLab, Jira, Confluence

Databases

MySQL, MongoDB, DynamoDB, Firebase, Snowflake, XML (schema & data modeling)

Professional Experience

- Covetrus – Software Engineer II (*remote*)** *Mar 2024 – Aug 2025*
- Delivered full-stack features across React, Node.js, and Spring Boot, collaborating with product, UX, and QA to ship scalable functionality that strengthened core payment and reporting workflows.
 - Built real-time analytics pipelines in PySpark on Azure Databricks, leveraging SQL transformations to reduce reporting latency and power new custom reports and dashboards in Power BI and React.
 - Executed core backend refactoring and modernization efforts that reduced code complexity by ~60% and improved reliability of high-volume accounting pipelines.
 - Maintained production Kafka workflows supporting tax, fraud, and payout systems.
 - Eliminated a recurring payout job failure by combining SQL query refactoring to limit data scope with Java asynchronous retry logic using exponential backoff, delivering a durable, production-safe fix.
 - Performed targeted QA on peer features, identifying regressions, validating edge cases, and ensuring stable, user-ready releases.
- Covetrus – Software Engineer I (*remote*)** *Jan 2023 – Mar 2024*
- Delivered end-to-end features using React, Node.js, Python and Spring Boot, developing locally in Docker and deploying via Azure DevOps and Harness.
 - Created Splunk dashboards for payments and orders, reducing incident response time by 30%.
 - Led microservice integration with Visa Account Updater.
- Covetrus – Software Engineer Intern (*remote*)** *May 2022 – Aug 2022*
- Built secure TypeScript/React banking-info forms with custom components from Figma mockups.
 - Developed GraphQL queries and Spring Boot REST endpoints to support front-end features.
 - Participated in Agile ceremonies (Jira/Confluence), delivering all sprint commitments.

Education

Louisiana State University (LSU) – Baton Rouge, LA
B.S., Computer Science – Software Engineering