

# Spencer Stewart

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## LANGUAGES & TECHNOLOGIES

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- Java, Spring Framework, Spring Boot, Spring Batch, Broadleaf Commerce Framework, SQL, Bootstrap, JavaScript, Node, Python
- ETL, Solr, Maven, Jenkins, Hibernate & JDBC, Liquibase, Thymeleaf, Docker, Git, GitHub Actions, Jest, Express, EJS, Sequelize, Webpack, Electron, Handlebars

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## EXPERIENCE

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**Software Engineer**      Complete Book & Media Supply      **Jun 2018 - Mar 2024**

### Full-Stack Java Development

- Developed Complete Book's B2B e-commerce platform with the Spring and Broadleaf Commerce Framework ecosystem encompassing the full development lifecycle from design and coding to QA and deployment.
- Built an automated invoicing system that reduced manual processing by 95%, saving \$20,000+ annually in operational costs and reclaiming 100s of employee hours.
- Resolved customer and employee support tickets resulting in a renegotiated SLA with Broadleaf Commerce, achieving \$18,000 in annual savings.
- Managed a customer-facing Solr product catalog, an internal admin portal, a PunchOut e-procurement system, and an ETL application for processing and indexing over 12 million products.
- Built a Java application that interfaced with MySQL and Microsoft SQL Server to generate sales, customer, and financial reports for Complete Book, saving the COO dozens of hours annually writing queries.
- Built a desktop application using Electron to automate product price lookups saving 100s of employee hours and eliminating a tedious process.
- Built a containerized QA environment using Docker and Google Cloud Platform, eliminating reliance on local hardware and compatibility issues with virtualization software.
- Implemented security awareness training and ran email attack simulations with Microsoft Defender in response to a security incident resulting in 0 email-related incidents since implementation.
- Built visually appealing SPAs for buyers using Bootstrap and Thymeleaf, including a product catalog, quote management system, and registration and landing pages increasing buyer retention and sales.

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## PROJECTS

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### Screen Audit

- Built Screen Audit using Node, Express, Sequelize, Webpack, and Jest, a productivity app that allows peers to audit each other's computer usage and time management.
- Used GitHub Actions for CI/CD and semantic release to automate building, testing, versioning, and distribution of releases for high maintainability and streamlined development.

### Smart Documents

- Built Smart Documents using Python, Streamlit, and the LangChain framework, an LLM-powered documentation search application.