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TECHNOLOGIES

Languages & Frameworks: Java, Spring Framework, Spring Boot, Spring Batch, Broadleaf Commerce Framework, SQL, Bootstrap, JavaScript, Node, Python

Technologies: Solr, Maven, Jenkins, Hibernate & JDBC, Liquibase, Thymeleaf, Docker, Git, GitHub Actions, Jest, Express, EJS, Sequelize, Webpack, Electron, Handlebars

Other: ETL, B2B E-Procurement, SAML SSO, BEM, Semantic & Accessible HTML, CSS Grid & Flexbox, Mailchimp

EXPERIENCE

Software Engineer	Complete Book & Media Supply	Jun 2018 - Mar 2024
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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.
- 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 containerized QA environment using Docker and Google Cloud Platform, eliminating reliance on local hardware and compatibility issues with virtualization software.
- Built visually appealing SPAs for buyers using Bootstrap and Thymeleaf, including a product catalog, quote management system, and registration and landing pages leading to increased buyer retention and sales.
- Integrated dozens of client PunchOut and cXML ERP platforms with Complete Book, accommodating individual buyer requirements, leading to quick onboarding and shortened sales cycles.

Business Operations Automation

- Built an automated invoicing system that reduced manual processing by 95%, saving \$20,000+ annually in operational costs and reclaiming 100s of employee hours.
- Developed an internal admin portal that automated repetitive procurement tasks such as order exporting, product creation, and quote management saving 100s of employee hours annually.
- 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.

Tech Support & Cybersecurity

- Resolved customer and employee technical issues resulting in a renegotiated SLA with Broadleaf Commerce, achieving \$18,000 in annual savings.
- 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.

PROJECTS

Screen Audit

- Built Screen Audit, a productivity app using Node, Express, Sequelize, Webpack, and Jest to become proficient in test-driven and full-stack JavaScript development.
- 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, an LLM-powered documentation search application using Python and the LangChain framework to become proficient with LLM integration.