

TANIA BOURSICQUOT

Entry-Level Software Engineer | Computer Science Graduate

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PROFESSIONAL SUMMARY

Computer Science graduate and entry-level software engineer with hands-on experience building and testing Java applications, Spring Boot microservices, Kafka message workflows, relational database integrations, and REST APIs. Brings five years of accuracy-focused supply chain experience, collaborative problem-solving, and disciplined execution in a fast-paced environment.

TECHNICAL SKILLS

Languages: Java, Python, C++, SQL, JavaScript | **Frameworks/Platforms:** Spring Boot, Spring Data JPA, Apache Kafka, REST APIs

Tools & Databases: Git, GitHub, Maven, Eclipse, MySQL, H2 SQL | **Concepts:** OOP, data structures, algorithms, Agile, SDLC, debugging, unit/integration testing

PROJECTS

JPMorganChase Software Engineering Job Simulation — Forage

July 2026

Java | Spring Boot | Kafka | Spring Data JPA | H2 | REST APIs | Maven

- Integrated Kafka into a Spring Boot microservice to consume and deserialize transaction messages using configurable topics and embedded Kafka tests.
- Implemented transaction validation, entity modeling, persistence, and balance updates with Spring Data JPA and an H2 relational database.
- Connected the service to an external incentive REST API and incorporated incentive responses into transactional workflows.
- Built a JSON REST endpoint for querying user balances and verified message ingestion, database operations, and API interactions with Maven test suites and debugger-driven inspection.

Capstone Software Application

Java | Object-Oriented Design | Agile | Testing

- Designed, implemented, tested, and documented a Java application using object-oriented software engineering and Agile practices; earned a final project score of 100%.

DriverPass System Design

Business Requirements | UML | Software Design

- Translated driving-school business needs into requirements, UML diagrams, and a complete software design document.

EDUCATION & CERTIFICATION

Southern New Hampshire University

July 2026

Bachelor of Science in Computer Science | GPA: 3.45/4.00

JPMorganChase Software Engineering Job Simulation — Forage

July 16, 2026

Certificate of Completion | Kafka Integration, H2 Integration, REST API Integration and Controller

EXPERIENCE

Walmart — Port St. Lucie, FL

Oct. 2020–Present

Supply Chain Label Control Associate

- Maintain accurate inventory labeling, tracking, and data entry across warehouse processes to support efficient supply chain operations.
- Use internal systems to monitor inventory flow and resolve labeling or inventory discrepancies, protecting product identification and operational accuracy.
- Collaborate with cross-functional teams in a fast-paced distribution environment to meet daily performance and accuracy goals.