

Results-driven Software Engineer with over 2 years of experience in developing robust software applications to meet and exceed business objectives. Proficient in software development and coding principles, with a diverse skill set in multiple programming languages including Java, JavaScript, Python, and Rust. Experienced in working with both SQL databases like Oracle and MySQL, and NoSQL databases such as Cassandra and MongoDB. Adept at collaborating with cross-functional teams to deliver scalable, efficient, and high-quality software solutions with a focus on business value and customer success.

Work Experience

Software Developer II - Fedex Services

March 2022 - Present

As a Software Developer II at FedEx Services, I have led multiple high-impact projects, driving modernization and innovation within the company's tracking systems. My role has encompassed project leadership, architectural design, and end-to-end development, significantly enhancing the efficiency and scalability of the tracking products offered to customers.

- **Anonymous Tracking API Modernization:**
 - Played a key role in modernizing the existing Spring Boot anonymous tracking API.
 - Successfully transitioned from an old Oracle-based solution to a modern, active-anywhere Cassandra database, enabling massive horizontal scalability and handling over 400 million queries per day.
- **Secured Tracking API Modernization:**
 - Upon promotion to Software Developer 2, led the modernization of the secured tracking API.
 - Transitioned from an outdated WebLogic-based solution to a contemporary, scalable Spring Boot solution.
 - Achieved significant improvements in scalability and performance, ensuring reliable and efficient tracking services for our customers.
- **Webhook Shipment Tracking for Business Customers:**
 - Led the architecture, development, and deployment of a new webhook tracking system from inception to completion, catering to emerging business needs.
 - Spearheaded the creation of a flexible webhook system for business customers to track individual packages, empowering new revenue streams and enhancing tracking capabilities.
 - Provided business customers with increased flexibility for tracking individual packages and introduced advanced tracking features, driving business growth and enhancing operational efficiency.
- **Languages and Frameworks:** Java, Spring Boot, WebLogic (legacy)
- **Database:** Cassandra, Oracle (legacy)
- **Tools:** Docker, GitHub Actions, Jenkins
- **Development Methodologies:** Agile, Scrum

Education

Bachelor of Science in Computer Science with a Minor in Mathematics

Metropolitan State University of Denver - Denver, USA

Personal Projects

Alternate Account Detection Bot

- Independently developed a Discord API project for large server user moderation
- Used VueJS for frontend and Express for backend
- Implemented features to filter users and detect alternate accounts
- Streamlined deployment and automated CI with Docker and GitHub Actions