

TECHNICAL SKILLS

Java, C#, Spring Boot/Security, JPA, Hibernate, REST APIs (OAuth2), microservices, AWS, Docker, Jenkins, GitLab CI, PostgreSQL, SQL Server, PL/SQL, Angular, React, JavaScript, Git, Jira, Postman, Splunk, log tracing

WORK EXPERIENCE

Goldman Sachs (via Infosys)

Oct 2025 – Present*Software Engineer**Mexico City, Mexico*

- Support the Data Lake platform by analyzing ingestion pipelines, validating dataset integrity, and troubleshooting issues across distributed systems, performing diagnostics to identify root causes, verify pipeline logic, and ensure accurate and timely data availability for downstream applications.
- Technical Teaching & Mentoring (Infosys – GS Candidate Program)
 - Delivered brief daily training sessions for Infosys candidates preparing for Goldman Sachs engineering interviews. Covered essential Java concepts (streams, lambdas, recursion, concurrency) and key data structures & algorithms (heaps, priority queues, DFS/BFS).
 - Taught practical debugging techniques such as reading logs, tracing null pointer exceptions, and understanding pipeline behavior in real engineering environments.

T. Rowe Price (via Infosys)

Feb 2024 – Oct 2025*Back End Developer**Mexico City, Mexico*

- Developed and corrected the core exhibit logic for key investment products by implementing new business rules, quarterly date-selection logic, allocation name mappings, and fund-age validations, resolving translation and data-availability issues that caused incorrect or incomplete information to appear on the T. Rowe Price website.
- Delivered deployments to Stage and Production using Jenkins, Docker, and GitLab CI, ensuring reliable releases across financial reporting services.
- Participated in two-week sprints and was regularly selected to present completed tickets and technical findings in bi-weekly review meetings attended by teams across T. Rowe Price.
- Upgraded financial reporting services from Java 11 to Java 17/21 while modernizing Spring Boot, Nitro frameworks, and related dependencies to improve performance and maintain long-term platform compatibility.
- Worked with tools such as AWS CloudWatch and Splunk for debugging, built and secured RESTful APIs using Spring Boot with OAuth2 and Spring Security, automated delivery pipelines with Jenkins, Docker, and GitLab CI, and used AWS services (Lambda, S3, API Gateway) to support scalable backend processes.

Softtek

Aug 2023 – Feb 2024*Full Stack Developer**Mexico City, Mexico*

- Developed a secure front-end form for authenticated users from Banamex to update their passwords, featuring fields for the old password, new password, and password confirmation with an Autochecker feature to verify the identity of users attempting to make updates.
- Implemented stringent password validation rules to ensure compliance with security standards.

EDUCATION

Instituto Tecnológico Autónomo de México

June, 2022*Bachelor's Degree in Applied Mathematics**Mexico City, Mexico*

- Coursework included algorithms, data structures, computational tools, databases, and artificial intelligence.