

ANDRES GARCIA PAREDES

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Work Experience

- **Vice President - Apps Dev Tech Lead Analyst** *Citi* *June 2023 – Present*
 - Directed the adoption of **Microsoft Threat Modeling Tool** to identify potential security threats in the design phase of software and system development.
 - Spearheaded the strategic migration from legacy systems to modern, container-orchestrated applications, leveraging **Spring boot/Java** for enhanced performance and scalability.
 - Developed a deep understanding of business areas, fostering efficient integration of architecture and infrastructure to achieve organizational goals. Hands-on experience with **AuthN/AuthZ** concepts and frameworks to secure production and corporate access, such as **SSO, SAML Federated Identity, RBAC, IAM policies** etc.
 - Expertly understood the importance of secure API communication protocols such as **TLS** utilizing **cryptographic algorithms** such as hashing, signing, and certificate generation, for a mission-critical environment such as Banking.
 - Technical Lead/Subject Matter Expert on data transformations for our downstream partners. Resolved **90%** of high-impact issues in a 3-month on-boarding time window.
- **Software Operations Analyst** *Indeed* *April 2021 – Dec 2022*
 - Team Lead for large-enterprise Glassdoor Ascension Project (July '21 - May '22) using **Java** to build internal autoconfiguration tool, using **Spring framework** and **React**.
 - Experience working with **JDBC** and legacy systems that use **Oracle SQL** and **NoSQL**.
 - Leveraged **AWS CodeSuite** for Version Control. Resolved **100%** of open Jira tickets in 6 months.
 - Used **CloudHealth** in **AWS** to manage S3 buckets for monitoring.
- **Java Full Stack Software Developer** *FitFirm247* *Feb 2017 – March 2021*
 - Developed **Java** applications and set up a **CI/CD Pipeline** using **AWS CodePipeline**.
 - Leveraged **Spring Boot** to quickly bootstrap the application and utilized **Spring Data JPA** to persist data to the database. Implemented **Spring Security** to handle user authentication and authorization, and utilized **Spring MVC** to create the **RESTful API** endpoints for the application.
 - Used **Spark** to analyze data on the success of meal/fitness plans across different demographic groups.
 - Utilized **Kubernetes** with **Docker** and **Helm** for managing containerized applications.
 - Experience setting up CI/CD Pipeline using **Jenkins** and **Maven** to build projects

Project

- **Full Stack/CRUD Gym Application** *<https://peaceful-beyond-96049.herokuapp.com/>*
 - Created fully specified **REST** backend build with **Node.js**, **Express.js**, and **MongoDB**.
 - Incorporated **Multer Middleware** for image upload, and linked **Cloudinary servers** for image storage.

Technical Skills

- Languages: Java, Python, Typescript, SQL, Bash
- Frameworks and Libraries: J2EE, Spring, Apache Spark, Apache Airflow, Hadoop
- Tools: Dagster, AWS, Istio, JUnit, Linux

Education/Certificates

Southern New Hampshire University Bachelor: Data Science

Udemy The Web Developer Bootcamp

[ude.my/UC-8ab6c22d-4e9b-4404-b54e-debd28a0869c](https://www.udemy.com/course/the-web-developer-bootcamp/)
