Cesar Hernandez

LinkedIn — cesaruriel.com

Email: uriel.hernandez.castellanos@gmail.com

Mobile: +(52) 55-72-82-58-23

EDUCATION

- **Bachelor's in Computer Science** — Mexico City
  IPN ESCOM — *April 2016 - November 2020*
  - ▸ **Key Courses:** Algorithm Design and Analysis, Operating Systems, Object-Oriented Programming, Software Design and Development, Databases, Software Engineering, Computer Networks, Cryptography, Natural Language Processing, Embedded Systems, Distributed Systems.

EXPERIENCE

- **IBM** — Mexico City
  Application Developer - Full time — *November 2021 - Present*
  - ▸ Contributed to the Citi Mobile team, collaborating with multiple business units to deliver innovative solutions.
  - ▸ Applied Agile practices to drive iterative development, leveraging expertise in React, Java Spring, Quarkus, and Vert.x. Led deployments on cloud platforms such as PCF and OpenShift, ensuring scalable and efficient delivery of solutions.
- **GFT Group** — Mexico City
  Software Development Engineer - Full time — *November 2020 - November 2021*
  - ▸ Developed microservices using Quarkus and Spring Boot, ensuring seamless deployments across various environments, and contributed to BPM solution discussions, integrating with BBVA API Market's microservices and ASO layer.
  - ▸ Participated in Scrum ceremonies, code reviews, and incident monitoring. Obtained Scrum Developer certification to enhance Agile practices and foster team collaboration.

PROFESSIONAL PROJECTS

- **Citi-Apple Wallet Connect** Developed Citigroup's card integration with Apple Wallet, enabling customers to easily and securely manage their cards.
- **Citi SmartSave** Developer for a digital savings platform, allowing customers to set goals, allocate funds, and receive financial insights.
- **Citi DigitalCard** Developed virtual cards for secure online transactions and contactless payments.
- **Citi OpenAPI** Contributed as a developer to Citi's open banking APIs for third-party financial integration.
- **CitiBot Automation** Tech Lead for an RPA team automating repetitive tasks, improving efficiency for Citi employees.
- **BBVA Amazon Pay Core** Developed core banking systems supporting Amazon Pay transactions, ensuring secure and scalable payment processing.
- **BBVA LoanConnect** Developed API enabling third-party platforms to issue loans on behalf of BBVA.
- **Munich Re eOnboard** QA for Munich Re's digital onboarding, streamlining paperless client registration.

SKILLS & CERTIFICATIONS

- **Certifications** AWS Certified Solutions Architect - Associate, AWS Certified Developer - Associate, AWS Certified Cloud Practitioner, Scrum Developer by ScrumStudy.
- **Coding Practices** Focus on clean code: simplicity, clear naming, reusable, scalable architecture, maintainable structure, appropriate data structures, design patterns, naming conventions.
- **Cloud Platforms** PCF, OpenShift, AWS, Spring Cloud.
- **Programming Languages** Java, Python, JavaScript, C/C++.
- **Backend & Frontend Frameworks** Spring, Vert.x, Quarkus, Flask, Express, React.
- **Databases & Security** SQL, NoSQL, ORMs, OAuth, JWT, Cryptography, CyberArk.
- **Code Quality & Vulnerability Tools** SonarQube, Black Duck.
- **Messaging** Solace, SQS, SNS, JMS, Apache Kafka.
- **Build tools** Maven, Gradle.
- **Testing** JUnit, Mockito, JMeter.
- **Modeling** UML.
- **Version Control** Git.

TEACHING/LEADERSHIP EXPERIENCE

- **RPA Tech Lead at Citi** Led RPA projects, managing a team of developers to automate manual processes, improving efficiency at Citi. Presented architectural solutions in bank committees and participated in architecture sessions defining BPM and RPA solutions (2021).
- **Backend Development Instructor for IBM Students** Conducted training sessions on backend development, sharing knowledge on Java, Spring, and cloud technologies with IBM Students (2021).
- **Software Awards at University** Won awards for best software project during university, recognizing innovation and technical excellence in various projects.

PUBLICATIONS

- Cesar Uriel Hernandez Castellanos, Mauricio Joel Martinez Islas & Alejandro Reyes Valenzuela, **Hardware Implementation of the Lightweight Block Encryption Algorithm LEA** ISCCR0041-2019-B086/2021