




JULIO CESAR
HERRERA GUTIERREZ




Personal details

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 77516 México, Cancún,
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 July 11, 1989

Skills

Java	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>
Visual Basic .NET/ASP	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>
C#	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>
JavaScript	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>
JQuery	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>
CSS3	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>
HTML5/Angular	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>
Bootstrap	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>
ABAP (SAP)	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>
Spring Boot	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>
Spring MVC	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>
Spring Data JPA	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>
WCF	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>
SQL Server	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>
PostgreSQL	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>

Profile

Senior Software Development Specialist with 14+ years of experience leading cross-functional teams and delivering backend, frontend, and mobile solutions. Proficient in Java, .NET, and Spring Boot, with extensive expertise in designing and implementing RESTful microservices, API integrations, and SQL-based data solutions. Proven track record managing full software development lifecycle (SDLC) projects under Agile/Scrum methodologies, ensuring delivery of secure, scalable, and high-performance enterprise applications.

Education

B.Eng. in Information and Communication Technologies Universidad Tecnológica de Cancún	2010 - 2012
Higher University Technician (TSU) in Information and Communication Technologies – Computer Systems Universidad Tecnológica de Cancún	2008 - 2010
Electronics Technician CECYTE Cancún II	2005 - 2008

Employment

Senior Software Analyst/Developer Banregio Grupo Financiero, Cancún	May 2022 - Aug 2025
<ul style="list-style-type: none">Developed and maintained RESTful microservices using Spring Boot and decoupled architectures.Implemented APIs with Spring MVC and data persistence using Spring Data JPA on PostgreSQL and Sybase.Designed and optimized microservice architectures to enhance system scalability and resilience.Applied circuit breakers and fault-tolerance strategies using tools like Resilience4j and Hystrix.Automated CI/CD pipelines for microservices with Jenkins, Docker, and Kubernetes.Migrated monolithic applications to microservices with a focus on decoupling and independent services.Collaborated in Agile teams for continuous delivery of features using Scrum and Kanban methodologies.Implemented secure APIs integrating Spring Security with JWT and OAuth2 for robust authentication and authorization.Integrated microservices via asynchronous communication using RabbitMQ and Kafka to improve scalability and fault tolerance.Created detailed API documentation using Swagger/OpenAPI to ensure clear communication with frontend teams and external partners.Conducted unit and integration testing using JUnit, Mockito, and Spring Boot Test to ensure code quality and stability.Deployed and managed microservices in OpenShift environments, handling PostgreSQL and Sybase databases for persistent storage.Optimized performance and reduced latency in microservices using caching	

MySQL	●●●●●●
Sybase	●●●●●●
Bitbucket	●●●●●●
JIRA	●●●●●●
Git	●●●●●●
Android Studio	●●●●●●
Eclipse	●●●●●●
Openshift	●●●●●●
Intelligent	●●●●●●
MVC	●●●●●●
JUnit	●●●●●●
Mockito	●●●●●●
Spring Boot Test	●●●●●●
Scrum	●●●●●●
Agile	●●●●●●
RabbitMQ	●●●●●●
Kafka	●●●●●●
Spring Security	●●●●●●
JWT/OAuth2	●●●●●●
Swagger/OpenAPI	●●●●●●
Hibernate	●●●●●●
GitHub	●●●●●●
Azure Devops Service	●●●●●●
Jasper Report	●●●●●●
Crystal Report	●●●●●●
JS Ext/ Node.Js	●●●●●●

Languages

Spanish	●●●●●●
English	●●●●●●
French	●●●●●●

- techniques and JPA query optimization.
- Participated in code reviews and mentored junior developers to maintain high-quality standards in microservice development.
 - Led and trained junior backend developers, managing releases through Jira and GitHub workflows up to production.

Systems Developer

Sep 2013 - May 2022

Royal Resorts, Cancún

- Developed web applications using ASP, HTML, jQuery, Angular, and Bootstrap.
- Built desktop applications with VB.NET, C#, and Xamarin.
- Created mobile applications for Android using Android Studio and Eclipse.
- Developed ABAP programs in SAP and provided technical support to end-users.
- Administered and maintained SQL Server, MySQL, and PostgreSQL databases.

Systems Developer . NET

Jan 2011 - Aug 2013

Colegio Alexandre, Cancún

- Developed web and desktop applications using .NET technologies.
- Performed preventive and corrective maintenance of computer hardware and equipment.

Professional internships

Jun 2009 - Jan 2011

Turicún, Cancún

- Web programming and development using VB.NET.
- Administration of SQL Server 2005 and MySQL databases.

Hobbies

- Reading
- Music
- Sports

Courses

Scrum	2019
Android	2018
JavaScript y CSS	2018
Anti-Money Laundering (AML)	2025
Project Management	2019