Javier Vera

Contact

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Technical Skills

-----------------------------------**Net:** ASP.Net Core, Web API, EF Core, C#, Blazor, MVC, and WCF.

**Web:** HTML 5, CSS3, JavaScript, Bootstrap, jQuery, Angular, and TypeScript.

**Azure:** App Service Plan, SQL Server, DevOps, Cosmos DB, API Management, Blob Storage, Web Application Static.

**Microsoft Tools:** GitHub Actions, GitHub Copilot, SharePoint, Visual Studio/Code, Power BI, PowerApps, Power Automate, and Microsoft 365.

**Databases:** SQL Server, Cosmos DB, MySQL, PostgreSQL, DynamoDB, Azure SQL, SQLite.

**AWS:** S3, Lambda, SNS, SQS, RDS, VPC, IAM, DynamoDB, ELB, Beanstalk, Redshift, Code Commit, Code Deploy, Athena, Glue, Cognito, WAF.

**AWS Certified**:

Solution Architect Associate

Terraform, Docker

Soft skills

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- Team Work

- Autonomy

- Strategic Thinking

- Team Leadership

- Self-learning

- Adaptability

Languages

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- English

- Spanish

**.Net Developer**

Experience in designing, implementing, and delivering software solutions using agile methodologies. Proficient in backend, front-end, application integration, relational and non-relational databases, Object-Relational Mapping (ORM), and web services in both on-premises and cloud environments. Work spans various industries, including entertainment, insurance, healthcare, and banking.

**Experience**

**Software Developer**

OnGlass.Net - United States

*March 2022- Currently*

* Developed a web application for microblogging in Angular 16.
* API Management Cloud implementation using ASP.Net Core Web API, and EF Core.
* Relational (SQL Server) and non-relational (Cosmos DB and DynamoDB) database design and implementation to content management, and security access.
* Implemented pipelines to automatically deploy web applications from the repository when pull requests are approved. (GitHub Actions and Azure DevOps).
* Proof of concept to compare microservices (Docker and Web API) and event-driven (Functions) architectures, evaluating cloud cost, governance effort, Azure vs AWS, and development time.
* Compatibility assessment between AWS and .Net development platform.
* Implemented Administration security application using Blazor .Net and MVC in ASP.Net Core.

**Software Developer Lead**

Company: Sophos Solutions – Bogota, Colombia

Client: Seguros Bolivar (Insurance Company)

*April 2021 – March 2022*

Software solution implementation aimed to reduce customer debts.

* Developed an automated communication system to remind overdue payments through different channels (e-mail, WhatsApp, and text messages) leveraging event-driven technologies such as queues and functions.
* Migrated data from legacy systems, restructuring it into a modern format in SQL Server and DynamoDB.
* Created a Dashboard in a responsive Web Application using Angular, ASP.NET Core, TypeScript, CSS, and HTML.
* Implemented the backend system using ASP.Net Core Web API, and EF Core was deployed in Docker containers.
* Developed algorithms for customer segmentation, debt analysis, and payment history tracking, within a microservices architecture, and high availability in Docker containers.
* Used Test Driven Development (TDD) practices to ensure high-quality code and reliability.

**Software Engineer**

Caracol Television – Bogota, Colombia

*March 2014 – April 2021*

Designed, and implemented +90 services in over 20 applications following a Service-Oriented Architecture (SOA), emphasizing the reuse of domain business service layers.

* Developed service agnostic layer in each application to expose and reuse business logic (ASP.Net Web API, WCF, and Containers).
* Implemented an Enterprise Service Bus (ESB) to facilitate the decoupling of providers and clients, organize services across different domains, manage various endpoints and protocols, and add security layers.
* Service inventory documentation to support, consume, and manage the evolution.
* Integration definition and implementation with document management systems such as SharePoint and OnBase.
* Master Data Management implementation with SQL Master Data Services.

**Software Developer**

Caracol Television - Bogota Colombia

*March 2008-March 2014*

Unified security system implementation to manage access to the company's main applications.

* Developed a reusable library in .NET to manage groups, users, applications, features, authentications, and authorizations.
* Active Directory integration to implement a user synchronization model and extend the authentication process to applications.
* Modular database design in SQL Server grouping information Applications and Features, Users's domains and groups, easy the history query per application
* Developed a services layer using WCF to enable applications to query associated resources. Additionally implemented an activity logging module for each application.
* Reporting module that allows the auditory team to consult historical permissions and access.

Migration of Inventory Technical Storage

* Web application implementation using ASP.Net, HTML, CSS, and JavaScript to manage add, lend, return, and write off technical equipment.
* Migrated a database containing five years of information to Third Normal Form (3NF) using SQL Server.
* Accounting system integration implementation to associate the use of the equipment with production accounts using WCF in SOAP services.

**Volunteer**

Memorial Hospital Miramar

*March 2023- Currently*

* Provided advice for the standardization project of volunteer services processes, identifying and diagramming the processes using Business Process Model Notation (BPMN).
* Provided guidance to the Volunteer Services Area on how technology can help improve processes.

**Education**

**Master:** Information Technology Architectures - Los Andes University

**Bachelor**: Electronic Engineer - ECI Julio Garavito University