Uri Valdez Pérez
Software Architect

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in urivape

Education

Informatic Bachelor Degree
Universidad Veracruzana
Xalapa, Veracruz, México
2004 - 2009

Certifications

Exam 480: Programming in HTML5 with JavaScript and CSS3
Monterrey, Nuevo León, México
March 2017

Exam 486: Developing ASP.NET MVC Web Applications
Monterrey, Nuevo León, México
June 2018

Microsoft Certified Solutions Associate: Web Applications
Monterrey, Nuevo León, México
June 2018

Skills

Backend
 - .NET C#
 - Python
 - PHP
 - NodeJS

Frontend
 - Javascript
 - ReactJs
 - Angular

SQL Databases
 - MySQL
 - Postgres
 - SQL Server

NoSQL Databases
 - DynamoDB
 - MongoDB

Cloud
 - AWS
 - Azure

CMS PHP
 - Wordpress

Professional Experience

Integration Architect
Blue People
October 2024 - April 2025
Monterrey, Nuevo León, México

- Developing and managing solutions in Azure.
- Worked with various Azure services including Functions, APIM, Insights, Storage, deploying solutions to the cloud.
- Created Functions Apps with .NET C# in Visual Studio 2022, connected and processed Service Bus messages, and tracked and debugged processes using Application Insights.
- Configured Azure API Management (APIM) to expose and manage REST APIs, and integrated Node.js services for specific data transformation and routing tasks.
- Administered Tables and Blob Storage to store and access data in the cloud and save and track the request and response to different systems.
- Maintained and optimized database synchronization.
- Participated in maintaining and debugging processes for SQL Server database synchronization between Azure and an on-premises environment.
- Used Change Tracking in SQL Server to manage and debug synchronization processes.
- Optimized synchronization process performance to ensure efficiency and data integrity.

Teach Lead
HTech Solutions
December 2018 - October 2024
Monterrey, Nuevo León, México

- Be team leader and help my team to complete assigned tasks, utilizing a mix of technologies including .NET C#, Python, and Node.js to meet diverse project requirements.
- Conduct weekly pair programming sessions to guide and mentor team members, ensuring code quality and adherence to best practices in .NET C# and AWS.
- Conduct monthly 1-on-1 meetings to understand team member goals and needs, fostering a collaborative environment for .NET C# development and AWS cloud solutions.
- Architected and developed solutions with .NET C#, including RESTful APIs and integrations, and utilized Python for scripting and data analysis tasks within the AWS ecosystem.
- Developed Node.js-based services for specific functionalities, complementing the .NET C# backend and leveraging AWS Lambda for serverless deployments.
- Designed and built reusable NuGet packages to streamline .NET C# development across projects, enhancing code efficiency and maintainability.
- Leveraged a wide range of AWS services (EC2, Lambda, S3, DynamoDB, RDS) to build scalable, resilient, and cost-effective cloud solutions.
- Implemented Hangfire for asynchronous job processing and reliable retries within .NET C# applications deployed on AWS.
- Defined and implemented microservices architecture using .NET C# and deployed on AWS, improving application scalability and maintainability.
- Implemented Kafka for high-throughput messaging between microservices, enhancing system decoupling and scalability within the AWS environment.
- Utilized Grafana and Prometheus for monitoring .NET C#, Python, and Node.js applications and AWS infrastructure, ensuring optimal performance and reliability

Software Consultant
Definity First
October 2015 - October 2018
Monterrey, Nuevo León, México

- Build projects and APIs in .NET C#, including the development and integration of REST APIs.
- Buid API project in .NET C#.
- Developed web scraping solutions using Node.js to extract data from websites for project requirements.
- Build nuget packages to reusability in different projects.
- Work with TFS as repository version control.
- Work with different transactional database like SQL Server and MySQL.
- Work with non-sql database like MongoDB.
- Work with CMS Wordpress.
- Work with CMS Modx.
- Work updating Angular and Angular 2 application.
- Work updating ReactJs application.

Development Analyst
xPortal Group
March 2014 - October 2015
Monterrey, Nuevo León, México

- Build development solutions with .NET C#.
- Developed and consumed REST APIs for system integrations.
- Build nuget packages to reusability in different projects.
- Management and Configuration of IIS.
- Work with transactional database MS SqlServer.
- Work with Admin templates (Html, Css and Javascript)
- Update internal system from Telerick plugin to Ext.NET plugin.
- Work with CISCO Media Sense.

Project Manager
Consulfed
September 2011 - March 2014
Xalapa, Veracruz, México

Office Chief
C.E.C.M. of SEV
June 2009 - September 2011
Xalapa, Veracruz, México