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# RAUL MARTINEZ

## Software Engineer SR

## LANGUAGE

Spanish - Native

English - Advanced

## EXPERTISE

### Dev Tech

HTML/CSS	Typescript
Javascript	NextJS
JQuery	Blazor
ReactJS	Angular

### Backend

C# NET	Strapi	RabbitMQ
API Rest	Python	YML
GraphQL	Django	Auth0
xml	Dapper	JWT
Json	EntityFramework	Service Bus
Node JS	Workers	Kafka

### Database

MS SQL SERVER	CosmosDB
MySQL	
PostgreSQL	
MongoDB	

### Azure

App Services	Application Gateway
VR	Functions
ACI, ACR	Storage Account
CLI	SignalR
Service Bus	DevOps
NSG	Kubernetes

### AWS

Rekognition	EC2
S3	Amazon RDS
Lambda Funtions	

### Monitoring

Elastic Search	Azure Application Insights
Dynatrace	AWS Cloud Watch

## Experience

### Jun 2024- Present Divelement Nearshore - NY Backend Lead

As a Backend Leader, I am responsible for designing and developing robust, scalable backend services and APIs that support the core functionality of our applications. My role involves leading a cross-functional team to deliver high-quality software solutions using the Scrum framework. I ensure that our technical infrastructure in Azure is optimized for performance, security, and reliability, leveraging various cloud services such as Azure App Services, Containers, and Application Insights.

Our primary project focuses on creating an application that integrates with AI services for image analysis, enhancing the capabilities of our platform to deliver innovative solutions to our clients. I oversee the end-to-end backend development process, from initial architecture design to deployment and monitoring, ensuring that our solutions meet the complex requirements of our stakeholders.

Technologies and tools I work with include:

- Node.js: Building and maintaining efficient and scalable server-side applications.
- Python: Implementing data processing and AI integration.
- Strapi: Managing content and APIs with a flexible headless CMS.
- Azure: Designing and deploying cloud infrastructure using Azure services such as App Services, Containers, and Application Insights.
- Database Management: Utilizing PostgreSQL and SQL Server for data storage and management, with a focus on FHIR standards for healthcare data interoperability.
- Messaging Systems: Implementing RabbitMQ for reliable message brokering.
- Frontend Interaction: Collaborating with the frontend team working in Angular to ensure seamless integration and performance.

## OTHERS

Flutter	Design Patterns	Open API
Docker	Clean Architecture	Redoc
Pipelines	Unit test	Twilio
Kubernetes	Postman	Rancher

# Experience

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Jun 2023- Jun 2024

Appitventures - Denver Colorado

## Backend SR

As a Senior Backend Developer at AppitVentures, I played a key role in the design and implementation of APIs for logistics platforms. My responsibilities included developing and maintaining microservices architecture, ensuring the scalability and efficiency of our backend systems. I worked extensively with Node.js, Express, and Koa, leveraging TypeScript and .NET Core for building robust and maintainable codebases.

I contributed to the full lifecycle of application development, from initial design through deployment and ongoing support. This included the use of both AWS and Azure cloud services, where I implemented serverless functions, managed databases, and utilized messaging systems. My work also involved conducting data analysis and troubleshooting in production environments, ensuring that our systems performed optimally.

Technologies and tools I worked with include:

- Node.js & TypeScript: Implementing APIs and microservices with a focus on scalability and performance.
- Express.js & Koa: Building server-side applications and middleware for API services.
- .NET Core: Developing backend components for cross-platform applications.
- AWS: Utilizing AWS Lambda for serverless functions and AWS RDS for relational database management.
- Azure: Implementing Azure Functions, managing Azure SignalR for real-time communication, and using Azure Postgres and Service Bus for data storage and messaging.
- RabbitMQ: Ensuring reliable messaging and integration between services.
- SonarQube: Conducting code quality analysis and maintaining best practices in code health.
- CI/CD Pipelines: Automating deployment processes to ensure rapid and reliable delivery of updates.

2021 - 2023

InvictaStores - Miami Florida

## Software Architect

As a Solutions Architect at Invicta Stores, I was responsible for leading the project management and architectural design of solutions that supported the company's international e-commerce platform. My primary focus was on creating and managing an infrastructure based on microservices, which facilitated scalable and reliable operations across global markets. I led a team to continuously improve products in production environments, ensuring that they met high standards of performance and reliability.

I also oversaw the monitoring of infrastructure and the management of CI/CD pipelines in Azure, optimizing our deployment processes and enhancing system observability. My role required close collaboration with cross-functional teams to ensure that our solutions were robust, secure, and aligned with business objectives.

Technologies and tools I worked with include:

- .NET & Node.js: Developing and maintaining backend services and microservices architecture.
- Python: Automating processes and integrating various services within the infrastructure.
- Azure: Managing a wide range of Azure services including Application Insights for monitoring, Cosmos DB, SQL Server, and MySQL for data storage, as well as Azure Service Bus and Azure Functions for messaging and serverless computing.
- RabbitMQ: Implementing messaging queues for asynchronous processing.
- Frontend Technologies: Utilizing React JS and Next JS for building responsive and dynamic user interfaces.
- Infrastructure Management: Deploying and managing virtual machines (VMs), Azure Container Instances (ACI), and Azure Redis Cache (ARI) to support scalable and resilient operations.

# Experience

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2018 - 2021

Agilethought MX - Mexico City

## Fullstack developer

At AgileThought, I was integral in developing a comprehensive application for an international investment project, working closely with our client, Kirkland & Ellis. My contributions included the development of microservices, workers, and job scheduling, as well as managing queues and storage accounts. I also focused on the integration with external agents to ensure seamless data flow and system interoperability.

In addition to my development responsibilities, I played a key role in designing parts of the database models for various client solutions, ensuring that the architecture was both scalable and efficient to meet the needs of a complex investment landscape.

Technologies and tools I worked with include:

- .NET: Building and maintaining backend services, microservices, and integrations.
- React JS: Developing user interfaces that are both responsive and intuitive.
- PostgreSQL: Designing and optimizing database models for high performance.
- Dynatrace: Monitoring application performance and ensuring reliability.
- RabbitMQ: Implementing robust messaging systems to handle asynchronous processes.
- Kibana: Analyzing and visualizing logs for effective troubleshooting.
- Rancher: Managing Kubernetes clusters for deploying and scaling microservices.