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Michel Arias Arias

SUMMARY

Experienced Computer Engineer with 16+ years of experience in all aspects of the software development lifecycle, from concept to development, testing, delivery, and troubleshooting. Highly skilled in various programming languages and development platforms, with strong expertise in web development using C#, ASP.NET MVC, ASP.NET Web Api, .NET Core, SQL Server and Visual Studio. Excellent professional performance, versatile, self-taught, proactive, hardworking, responsible, detail-oriented, based on teamwork, and skilled at working under pressure in a fast-paced and deadline-driven environment to achieve timely project completion.

PROFESSIONAL EXPERIENCE

Middlesoft SRL, Remote, Uruguay — *Senior Java Developer*

09/2022 - Present

Technologies: *Java, Spring Framework, Spring Boot, Spring Data, Spring Security, Spring Cloud, Microservices, Azure DevOps, Git, Postman, Kafka, JHipster, JHipster JDL, Docker, Hibernate, Angular, Typescript, Oracle, Oracle SQL Developer, DBeaver, REST, Liquibase, IntelliJ, Maven, Scrum, Azure AKS.*

- Development of REST APIs in Spring Boot microservices architecture and development of friendly user interfaces using Angular.
- Create fully configured, event-driven Spring Boot microservices using the JHipster code generator tool, Spring Cloud Eureka, Apache Kafka, Oracle, Azure AKS for managing containerized workloads and services and Liquibase for managing changes in the database schema.
- Create CI/CD repositories, pipelines, and releases in Azure. Create epics, user stories, pull requests and code reviews. Create unit and integration tests using Spring Testing. Create Azure dashboards to manage microservice releases by environments.
- Maintenance of legacy microservices, participation in all scrum ceremonies, debugging issues, bug fixes and monitoring Azure AKS resource usage and Kafka clusters.
- Design and create efficient async flows using Kafka producers and consumers. Create third-party service integration via REST and SOAP.
- Migrate microservices to new versions of Java and Spring Boot to improve application performance and user experience.

PedidosYa, Montevideo, Uruguay — *Software Engineer Backend*

03/2021 - 08/2022

Technologies: *Go, Groovy, MySQL, IntelliJ, GoLand, DBeaver, DataGrid, Postman, Microservices, REST, Maven, Kotlin, Git, AWS, SNS, SQS, DynamoDB, Datadog, Scrum, Jira.*

- Development of microservices using multiple technologies such as Groovy, Go, Kotlin, AWS and GitHub.
- Development of features related to online payment and payment methods through the creation of multiple payment integrations in the PedidosYa App, increasing user acceptance rate by more than 80% by offering more payment options on the platform.
- Integration of new payment gateways in the Spreedly platform to process online payment transactions from the PedidosYa App, validating the new integrations by testing direct purchases, authorization and capture purchases, partial and total refunds, and payment cancellations, using Postman.
- Design and create efficient async flows using AWS SNS and SQS. Create third-party service integration via REST APIs.

- Maintenance of legacy microservices, participation in all scrum ceremonies, debugging issues, bug fixes, pull requests, code reviews, unit tests, functional tests and integration tests. Assistance in resolving user complaints regarding purchase or refund failures.
- Create Datadog dashboards and alerts for monitoring the online payment transactions to provide a quick response in case of problems.

Middlesoft SRL, Montevideo, Uruguay — Senior .NET Developer

11/2018 - 02/2021

Technologies: *.NET Core, .NET Framework, C#, LINQ, ASP.NET MVC, ASP.NET WebApi, Entity Framework, Javascript, jQuery, Bootstrap, TFS, HTML5, CSS3, Visual Studio, SQL Server, Java, Spring Framework, Spring Boot, Spring Data, Spring Security, Spring Cloud, Microservices, Azure DevOps, Git, Kafka, JHipster, Hibernate, Oracle, REST, Liquibase, IntelliJ, DBeaver, Maven, Scrum, Python.*

- Development of models, views and controllers in ASP.NET MVC web applications using C#, Javascript, jQuery, Bootstrap and SQL Server.
- Development of REST APIs in ASP.NET Web Api applications.
- Development of REST APIs in Spring Boot microservices architecture.
- Modification of HTML, Javascript and CSS to optimize the page's performance for faster loading.
- Creation of efficient stored procedures, functions, data types, and indexes in SQL Server.
- Development of a Python application to detect differences between SQL scripts files for documentation and auditing purposes.
- Systems maintenance, participation in all scrum ceremonies, pull requests, code review, debugging issues and bug fixes.
- Training of new programmers to familiarize them with their new position.
- Using Entity Framework Code First approach to update the database schema using code-based migration.

CSI Ingenieros, Montevideo, Uruguay — Senior .NET Developer

02/2017 - 10/2018

Technologies: *C#, .NET Framework, Xamarin.Forms, SQLite, LINQ, ASP.NET MVC, ASP.NET WebApi, Entity Framework, SQL Server, Javascript, jQuery, Bootstrap, TFS, HTML5, CSS3, Visual Studio, Azure, Kanboard, Scrum, Git, Java, PostgreSQL.*

- Development of models, views and controllers in ASP.NET MVC web applications using C#, Javascript, jQuery, Bootstrap and SQL Server.
- Development of REST APIs in ASP.NET Web Api applications. Integration with Azure WebJobs.
- Deployment of ASP.NET MVC and ASP.NET Web Api applications to Azure App Service.
- Development of a Xamarin.Forms mobile application using SQLite and an ASP.NET Web Api application as backend. Integration with Azure Notification Hubs (Push notifications).
- Modification of HTML, Javascript and CSS to optimize the page's performance for faster loading.
- Modification of SQL queries to optimize data loading from the database to improve the user experience.
- Systems maintenance, participation in all scrum ceremonies, debugging issues and bug fixes.
- Using Entity Framework Code First approach to update the database schema using code-based migration.

Middlesoft SRL, Montevideo, Uruguay — Senior .NET Developer

04/2016 - 01/2017

Technologies: *C#, .NET Framework, ASP.NET MVC, Javascript, jQuery, Bootstrap, TFS, HTML5, CSS3, Visual Studio, SQL Server, LINQ.*

- Development of models, views and controllers in ASP.NET MVC web applications using C#, Javascript, jQuery, Bootstrap and SQL Server. Deployment of ASP.NET MVC web applications to Azure App Service.
- Development of efficient stored procedures, queries, functions, data types and indexes in SQL Server.
- Modification of HTML, Javascript and CSS to optimize the page's performance for faster loading and ensure compatibility on mobile and desktop devices.
- Systems maintenance and support, migration of applications, bulk upload and download optimization, debugging issues and bug fixes.
- Development of multiple C# NuGet packages, Javascript modules and jQuery plugins to improve application architecture by centralizing the best solutions to known problems in one place.

Elasbit, Remote, Chile — Developer

09/2013 - 03/2016

Technologies: *C#, .NET Framework, ASP.NET MVC, Windows Forms, Entity Framework, LINQ, Quartz.NET, Visual Studio, SQL Server, Javascript, jQuery, Bootstrap, Git, HTML, CSS, Python, Django, PostgreSQL, MySQL, Android, Android Studio, Java, SQLite, Jira.*

- Development of models, views and controllers in electronic invoicing web applications using ASP.NET MVC, jQuery and Bootstrap.
- Development of templates, forms and views in an online payment web application using Python, Django, jQuery and Bootstrap, and configuration of the authentication process using social networks.
- Development of the purchase ticket format in an Android mobile application for electronic payments at points of sale (POS).
- Development of a desktop application using Windows Forms and PostgreSQL for managing purchase orders.
- Systems maintenance and support, debugging issues and bug fixes.
- Modification of HTML, Javascript and CSS to optimize the page's performance for faster loading.

University of Informatics Sciences, Havana, Cuba — Developer

09/2006 - 08/2013

Technologies: *Java, Eclipse, JSP, Spring Framework, Spring Security, Spring MVC, Hibernate, iBatis, Oracle, iReport, SVN, Javascript, Ajax, HTML, CSS, MapInfo Mapxtreme Java.*

- Development of dynamic JSP pages using Ajax and Spring controllers in Java Web applications.
- Development of a Geographic Information System using MapInfo Mapxtreme Java to improve decision making in emergency management systems.
- Systems maintenance and support, debugging issues and bug fixes.
- Generation of PDF reports using the iReport tool.

PERSONAL PROJECTS

Technologies: *.NET Core, Entity Framework, LINQ, HTML5, CSS3, Bootstrap, Visual Studio, Angular, PrimeNG, Visual Studio Code, AWS CodePipeline, AWS Elastic Beanstalk, Amazon S3, Amazon RDS (SQL Server), GitHub.*

Dental clinic management system (2021-2022)

- Development of a complete web application using .NET Core, Angular, and AWS technologies, for managing patients in dental clinics, with features such as user authentication and authorization, patient and specialist registration and patient appointment scheduling.

EDUCATION

University of Informatics Sciences, Havana, Cuba — BS in Information Technology

09/2002 - 07/2007

REFERENCES

Available upon request