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Full Stack Developer

Santo domingo, Dominican republic

Summary

- Software Engineer with 5+ years of professional experience designing, developing, and maintaining enterprise-grade web and financial applications.
- Strong expertise in .NET (C#, ASP.NET Core, Web API, MVC, Blazor) and modern frontend frameworks such as Angular and React, delivering scalable and high-performance solutions.
- Hands-on experience building and operating microservices architectures in AWS and Azure, leveraging services such as Lambda, ECS, S3, RDS, and Azure DevOps with CI/CD pipelines.
- Proven background in financial systems and fintech platforms, including secure payment integrations, banking APIs, and compliance with industry standards like PCI-DSS.
- Solid knowledge of SQL Server, Oracle, and MySQL, focusing on performance optimization, complex queries, stored procedures, and data integrity.
- Strong advocate of Clean Architecture, SOLID principles, design patterns, and Agile/Scrum methodologies, ensuring maintainable, testable, and scalable codebases.
- Effective collaborator in cross-functional and distributed teams across fintech, insurance, and enterprise environments, delivering reliable and business-driven solutions.

Technical

- **Backend & Frameworks**
.NET (C#, ASP.NET Core, Web API, MVC), Blazor (Server & WASM), Node.js, RESTful Services, JWT, OAuth.
- **Frontend Technologies**
Angular, React, TypeScript, JavaScript, HTML5, CSS3.
- **Cloud & DevOps**
AWS (Lambda, ECS, S3, RDS), Azure (Azure DevOps, Boards), CI/CD pipelines, Docker, Cloud-based deployments.
- **Databases & Data Management**
SQL Server, Oracle, MySQL; advanced SQL queries, stored procedures, functions, indexing strategies, and performance tuning.
- **Architecture & Design**
Clean Architecture, SOLID principles, Design Patterns, Microservices Architecture, Dependency Injection.
- **Security & Compliance**
Authentication & Authorization (JWT, OAuth), secure API design, fintech integrations, PCI-DSS awareness.
- **Development Practices**
Agile/Scrum methodologies, Git workflow, Jira, unit testing, code reviews, continuous integration.
- **Tools & IDEs**
Visual Studio, Visual Studio Code, Git, Bitbucket, Azure DevOps (Repos, Pipelines, Boards), Docker, Postman, Swagger (OpenAPI), npm, PowerShell.

Experience/Project Work

Employment 1 (Red Efectiva (Paynau))

Role: Full Stack Engineer

Dates: 10/24

Overview of Principal Project(s): Design, development, and maintenance of fintech and payment processing platforms focused on high availability, security, and scalability. The projects involved building and optimizing backend microservices, integrating banking and third-party payment APIs, and supporting frontend applications used for financial operations.

Responsibilities / Deliverables:

- Designed, developed, and maintained backend services using .NET Core (C#) and RESTful APIs to support financial transactions and business workflows.
- Built and optimized microservices architectures deployed in AWS, leveraging services such as Lambda, ECS, S3, and RDS.
- Developed frontend components using React, collaborating closely with product and UX teams to deliver responsive and user-friendly interfaces.
- Managed and optimized SQL Server databases, writing complex queries, stored procedures, and implementing indexing strategies for high-performance transaction processing.
- Integrated secure payment solutions and third-party banking APIs, ensuring compliance with PCI-DSS and security best practices.
- Implemented CI/CD pipelines and applied SOLID principles, clean architecture, and design patterns to ensure maintainable and scalable codebases.
- Collaborated with cross-functional teams, stakeholders, and product owners to deliver high-quality fintech solutions on time.
- Supported and optimized Node.js microservices, improving logging, monitoring, and system reliability.

Tools Used: .NET (C#, ASP.NET Core, Web API), React, AWS (Lambda, ECS, S3, RDS), SQL Server, Docker, GitHub, Visual Studio, Visual Studio Code, Postman, Swagger.

Employment 2 (Seguros Reservas)

Role: Senior Software Developer

Dates: 02/24-09/25

Overview of Principal Project(s): Development and enhancement of enterprise insurance systems focused on policy management, integrations, and scalable API-based architectures. Projects involved modernizing backend services, optimizing database performance, and improving delivery pipelines within a regulated enterprise environment.

Responsibilities / Deliverables:

- Designed and developed scalable RESTful APIs using ASP.NET Core Web API to support insurance core systems and internal integrations.
- Optimized SQL Server queries, stored procedures, and database performance to ensure efficient data processing and reporting.
- Implemented and maintained CI/CD pipelines using Azure DevOps, enabling automated builds, testing, and deployment.
- Applied DevOps practices to improve deployment reliability, scalability, and system monitoring in cloud environments.
- Created and executed unit tests to validate business logic and ensure application reliability and code quality.
- Collaborated with frontend teams using Angular to deliver fast, responsive, and user-friendly interfaces.
- Worked closely with business and technical stakeholders to translate requirements into robust technical solutions.
- Designed and supported data analytics and processing workflows using Azure Databricks to analyze operational and insurance-related data.
- Developed ETL/ELT pipelines using Apache Spark (Databricks) to transform and aggregate structured data from SQL Server and other sources.

Tools Used: .NET (C#, ASP.NET Core, Web API), Angular, Azure Databricks (Apache Spark, Delta Lake), SQL Server, Azure DevOps, Git, Docker, Visual Studio, Visual Studio Code, Postman, Swagger.

Employment 3 (Fullstack Labs)

Role: Software Engineer

Dates: 04/23-05/24

Overview of Principal Project(s): Development of scalable web applications for U.S.-based clients across different industries. Projects focused on building modern frontend and backend solutions, cloud deployments, and improving delivery pipelines within Agile distributed teams.

Responsibilities / Deliverables:

- Developed high-performance web applications using .NET Core (C#) and Angular, following best practices for scalability and maintainability.
- Designed and implemented RESTful APIs with ASP.NET Web API, ensuring efficient and secure client-server communication.
- Managed and maintained CI/CD pipelines, enabling frequent and reliable releases across multiple environments.
- Implemented cloud-based DevOps strategies to support application deployments, monitoring, and system stability.
- Wrote and maintained unit tests to ensure code quality and reduce regression issues.
- Optimized data access through complex SQL queries and stored procedures, improving overall application performance.
- Containerized applications using Docker to ensure consistency across development, staging, and production environments.
- Participated in data processing and analytics initiatives using Azure Databricks to support banking and operational reporting.
- Built and maintained Spark-based data transformations in Databricks, integrating data from Oracle and SQL Server sources.
- Implemented Delta Lake tables with MERGE (UPINSERT) logic to manage historical and incremental data loads.
- Participated actively in Agile/Scrum ceremonies, collaborating with cross-functional and distributed teams.

Tools Used: .NET (C#, ASP.NET Core, Web API), Angular, SQL Server, Docker, Azure DevOps, Git, Visual Studio, Visual Studio Code, Postman, Swagger.

Employment 4 (Promerica Bank)

Role: Senior Web Developer

Dates: 08/22-02/24

Overview of Principal Project(s): Development and maintenance of enterprise banking applications supporting internal operations and customer-facing systems. Projects focused on modernizing legacy applications, improving system performance, and ensuring reliable integrations with core banking services.

Responsibilities / Deliverables:

- Developed and maintained enterprise web applications using ASP.NET MVC (.NET Framework and .NET Core).
- Modernized legacy applications by migrating components from .NET Framework to .NET Core, improving performance and scalability.
- Designed and optimized database objects include functions, stored procedures, and views using Oracle 11g.
- Conducted requirements analysis to align technical implementations with business and operational needs.
- Improved application reliability and performance through code optimization and database tuning.
- Collaborated with cross-functional teams to deliver secure and stable banking solutions within enterprise standards.

Tools Used: .NET (C#, ASP.NET MVC, Blazor, .NET Core), Azure Databricks (Apache Spark, Delta Lake), Oracle, SQL Server, Git, Azure DevOps, Visual Studio, Visual Studio Code, Postman.

Employment 5 (Mercury Solutions)

Role: Junior Software Developer → Senior Web Developer

Dates: 04/19-08/22

Overview of Principal Project(s): Design and development of scalable enterprise web applications and internal platforms for talent management and business operations. Projects included backend services, frontend applications, database optimization, and cloud-based deployments.

Responsibilities / Deliverables:

- Designed and developed scalable web applications using ASP.NET MVC (.NET Framework and .NET Core) to meet business requirements and ensure high performance.
- Built and maintained RESTful APIs using ASP.NET Web API for reliable client-server communication and third-party integrations.
- Developed and supported Windows Services for background processing and integration with external systems.
- Designed, optimized, and maintained databases using SQL Server, Oracle, and MySQL, including queries, stored procedures, functions, and indexing strategies.
- Implemented DevOps practices using Azure DevOps, managing CI/CD pipelines and supporting cloud-based deployments.
- Applied OOP, SOLID principles, and dependency injection to ensure clean, maintainable, and testable codebases.
- Developed Blazor Server applications and maintained VB Web Forms solutions for stable enterprise environments.
- Collaborated with stakeholders to gather requirements and deliver solutions aligned with business objectives.

Tools Used: .NET (C#, ASP.NET MVC, ASP.NET Web API, Blazor), SQL Server, Oracle, MySQL, Azure, Git, Visual Studio, Visual Studio Code, Postman.

Education and Certification

- **Bachelor's degree in systems Engineering**

Dominico-American University (UNICDA), Dominican Republic — **Dec 2024**

- **Software Development Diploma**

Technological Institute of the Americas (ITLA), Dominican Republic — **Apr 2019**

- **Python Programming**

Microsoft — **Jan 2026**