

Wandelson B.

Senior Solution Architect/Software Engineer

SUMMARY

- Software Engineer with 14+ years in software engineering, including 4+ years as a Senior Solution Architect, with expertise in AWS, Azure, .NET, and distributed systems.
- Experienced in AWS architecture, Terraform, CloudFormation, Kubernetes, EKS, OpenShift, Helm, and Istio for scalable cloud infrastructure.
- Background in microservices, Domain-Driven Design, event-driven architectures, and API-first integration using Kafka, AWS SQS/SNS, and Apigee.
- Experienced in enterprise and financial environments, defining architecture standards, leading technical initiatives, and supporting agile engineering teams.

TECHNICAL SKILLS

Main Technical Skills	C#, Kubernetes, Terraform, AWS Cloudformation, AWS
AI Tools & Assistants	CoPilot
Programming Languages	C#, Elixir, Go, Java, JavaScript, Python, Ruby, TypeScript
JavaScript Frameworks	Angular, AngularJS, jQuery, Node.js
.NET Platform	ASP.MVC Pattern, ASP.NET Web API, Dapper, Entity Framework, .NET, .NET Core, .Net WCF, WebForms, WPF
AI & Machine Learning	CoPilot
Java Libraries and Tools	Jasperreports
JavaScript Libraries and Tools	NgRx, NHibernate
Ruby Frameworks	Ruby on Rails
PHP Frameworks	Zend
Data Analysis and Visualization Technologies	AWS Athena, Big data, Kibana
Security	RBAC
Databases & Management Systems / ORM	AWS DynamoDB, AWS ElasticSearch, Data Warehousing, Microsoft SQL Server, MongoDB, MySQL, NHibernate, Oracle Database, PostgreSQL, Redis, SQL, SQLite
UI Frameworks, Libraries, and Browsers	Angular Material UI, Bootstrap, CSS, HTML, jQuery, Kendo UI
Cloud Platforms, Services & Computing	AWS, Azure, GCP

Amazon Web Services	AWS API Gateway, AWS AppSync, AWS Athena, AWS Aurora, AWS Cloudformation, AWS CloudFront, AWS DynamoDB, AWS EC2, AWS ECS (Amazon Elastic Container Service), AWS ElastiCache, AWS Elastic Kubernetes Service (EKS), AWS ElasticSearch, AWS ELB, AWS Fargate, AWS Glue, AWS Lambda, AWS RDS (Amazon Relational Database Service), AWS Route 53, AWS S3, AWS Secrets Manager, AWS SNS, AWS SQS, AWS Step Functions
Azure Cloud Services	Azure Application Insights, Azure App Service, Azure Service Bus, Azure Service Fabric, Microsoft Azure API
Deployment, CI/CD & Administration	Active Directory, Blazor, CI/CD, Hashicorp, Helm, istio, Jenkins
Methodologies, Paradigms and Patterns	Agile, DRY, IaC, KISS, microservices, REST, Solution Architecture Design, TDD
Web/App Servers, Middleware	Apache Kafka
SDK / API and Integrations	API, ASP.NET Web API, AWS API Gateway, GraphQL, JWT, Microsoft Azure API, OAuth, OIDC, OpenAPI, Swagger, Winforms
Logging and Monitoring	AppDynamics, Grafana, Splunk
QA, Test Automation, Security	Automated testing, Unit Testing
Virtualization, Containers and Orchestration	Docker, Kubernetes, Terraform
UI/UX/Wireframing	Draw.io
Version Control	Git, GitHub, GitLab, SVN
Third Party Tools / IDEs / SDK / Services	IntelliJ IDEA
Mail / Network Protocols / Data transfer	JWT
Message/Queue/Task Brokers	Kafka, RabbitMQ
Platforms	Red Hat OpenShift Container Platform
Other Technical Skills	Amazon Relational Database Service, BLE mesh, Google Cloud Apigee, NLB, OSB-SOA, YAGNI

WORK EXPERIENCE

System Specialist, Evertec

Duration: Jan. 2026 - Present



Summary: Providing technical leadership for complex projects using .NET technologies, focusing on scalable and high-performance architecture. The role includes defining development standards and supporting engineering teams in enterprise environments.

Responsibilities:

- Technical leadership for complex .NET projects.
- Define development standards and best practices.
- Conduct code reviews to maintain quality.
- Mentor and support engineering teams.
- Design and implement robust enterprise solutions including system integrations.
- Drive product evolution aligning technology with business objectives.
- Implement microservices and microfrontend architectures.
- Design and maintain cloud infrastructure using Terraform and AWS CloudFormation.
- Deploy and operate containerized workloads on Kubernetes (AWS EKS).
- Manage namespaces, ingress, autoscaling, and CI/CD pipelines for microservices.

Technologies: .NET, Microservices, Microfrontend, Terraform, AWS CloudFormation, Kubernetes, AWS EKS, CI/CD.

Senior Software Engineer, Netcracker Technology

Duration: Mar. 2025 - Nov. 2025

Summary: Worked on backend development with C# and frontend with Angular in a distributed systems and microservices environment. Implemented integration patterns using Kafka and developed well-documented APIs using OpenAPI/Swagger Hub.

Responsibilities:

- Backend development with C# and frontend with Angular.
- Implemented integration patterns using Kafka.
- Worked with SQL Server, MySQL, and Oracle databases.
- Collaborated with a multicultural team.
- API-first development with OpenAPI/Swagger Hub.
- Deployed and maintained microservices on Kubernetes clusters.
- Managed container orchestration, health checks, rolling updates, and observability integrations.

Technologies: C#, Angular, Kafka, SQL Server, MySQL, Oracle, OpenAPI, Swagger Hub, Kubernetes.

Senior Solution Architect, Itau Unibanco

Duration: Dec. 2020 - Mar. 2025

Summary: Designed advanced and highly scalable technology solutions supporting agile squads. Implemented modern engineering practices including Domain-Driven Design, microservices, DevOps, and event-driven architectures using AWS services.

Responsibilities:

- Design scalable solutions and support agile squads.
- Implement Domain-Driven Design, microservices, unit testing, DevOps, Data mesh, and event-driven approaches.
- Lead Infrastructure as Code initiatives using AWS CloudFormation and Terraform.
- Define cloud architecture standards and IaC best practices.
- Build and support event-driven architectures with Amazon SQS and SNS.



- Lead Kubernetes adoption, define standards for container orchestration, Helm deployments, service mesh (Istio), and platform operations on AWS EKS and OpenShift.
- Design and operate production Kubernetes environments including cluster provisioning, RBAC, network policies, ingress controllers, and autoscaling.

Technologies: Domain-Driven Design, Microservices, AWS CloudFormation, Terraform, Amazon SQS, Amazon SNS, Kubernetes, AWS EKS, OpenShift, Helm, Istio.

Senior .NET Engineer, Siemens Digital Industries Software (Opcenter)

Duration: Apr. 2020 - Dec. 2020

Summary: Worked on Opcenter, a unified manufacturing operations management (MOM) solutions portfolio enabling digital software operations management. Developed new components and solutions based on customer requirements.

Responsibilities:

- Analyze and develop new components for Opcenter product.
- Develop new products and solutions through customer meetings.
- Collect requirements and elaborate case documentation, functional and technical specifications.
- Design and develop software solutions and web services.

Technologies: .NET, Web Services.

Senior .NET Engineer, XP INVESTIMENTOS

Duration: Nov. 2019 - Apr. 2020

Summary: Software engineering focused on scaling financial software systems, software reengineering, and building microservice-based systems.

Responsibilities:

- Analyze and develop microservices.
- Scale operations of financial software systems.
- Software reengineering and construction of microservice-based systems.

Technologies: .NET, Microservices.

Senior .NET Engineer, Fast Shop S/A

Duration: Jun. 2018 - Nov. 2019

Summary: Responsible for analysis, architecture, development, and implementation of new software features for e-commerce backend systems.

Responsibilities:

- Analyze, architect, develop, and implement new software features.
- Develop and maintain functionalities for e-commerce backend.
- Design and develop software solutions, web services, and APIs.
- Apply microservices architectural principles.

Technologies: .NET, Microservices, Web Services, APIs.



Senior .NET Engineer, Verity TI

Duration: Jul. 2017 - Apr. 2018

Summary: Analysis and development of microservices for clients including Riachuelo, Carrefour, and VR.

Responsibilities: Analyze and develop microservices for clients Riachuelo, Carrefour, VR.

Technologies: .NET, Microservices.

Pleno .NET Engineer, Thinkseg

Duration: Feb. 2017 - Jul. 2017

Summary: A financial technology company providing digital insurance and financial services. It uses data analysis and technology to support insurance products, risk assessment, and customer management.

Responsibilities: Develop and maintain functionalities for backend (.NET).

Technologies: .NET, Microservices.

Pleno .NET Engineer, Nobre Seguradora

Duration: May 2010 - Oct. 2016

Summary: Conducted requirements surveys and developed technical specifications for web applications. Led development and integration of new web services and desktop applications with payment systems.

Responsibilities:

- Conduct requirements surveys and develop technical specifications for web applications.
- Lead development and integration of new web services and desktop applications with payment systems.
- Create and maintain comprehensive reports for data-driven decision-making.
- Manage system maintenance and implement application updates in Azure.

Technologies: .NET, Web Applications, Web Services, Desktop Applications, Azure.

Apprentice, Itau-Unibanco

Duration: May 2008 - May 2010

Summary: A banking and financial services organization providing retail, corporate, and investment banking services. It offers accounts, lending, payments, investment products, and financial management services. The organization also operates digital banking and financial technology platforms.

EDUCATION

- **Master of Business Administration - MBA, Architecture and Development in .NET Platform - FIAP**

Jan. 2016 - Dec. 2017

- **Bachelor's degree, Computer Science - Universidade Sao Judas Tadeu**

Jan. 2009 - Dec. 2012



CERTIFICATION

- .NET Software Architecture
- API Design and Fundamentals of Google Cloud's Apigee API Platform
- API Development on Google Cloud's Apigee API Platform
- API Security on Google Cloud's Apigee API Platform
- Advanced Architecting on AWS
- Advanced Developing on AWS
- Big Data on AWS
- Building Node JS APIs Course
- DevOps Engineering On AWS
- Data Warehousing on AWS
- Domain-Driven Design Fundamentals by Julie Lerman and Steve Smith
- Getting Started with Elixir by Nate Taylor
- Getting Started with Go
- GitLab Continuous Integrations
- Integration architecture with Apache Kafka, Istio, Apigee
- Microservice Architecture
- Security Engineering on AWS
- Service mesh with Istio
- Solution Architect AWS Pluralsight
- HashiCorp Terraform Associate (Infrastructure as Code)

