

John Batista Alvarez

Full Stack Developer

Details

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Social

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[jotabap](#)



Certifications

AI-900.Microsoft Certified:
Azure AI Fundamentals.



AZ-900.Microsoft Certified:
Azure Fundamentals.



Oracle Cloud Infrastructure
2023 AI Certified Foundations
Associate



Profile

Software Engineer with 6+ years of experience building enterprise applications using **.NET, C#, SQL, Angular, and Vue**. Skilled in **cloud solutions on Azure** (App Services, Functions, API Management) with certifications **AZ-900** and **AI-900**. Experienced in **CI/CD automation with Azure DevOps**, **secure API design**, and **database optimization**. Recently led projects integrating **AI solutions with Azure OpenAI and Cognitive Services**, delivering intelligent, scalable applications. Proficient in multiple languages, including **C#, Python, and TypeScript**.

Experience

2022 - PRES Developer

Tata Consultancy Service (TCS)

Tata Consultancy Services is a global leader in IT services, consulting, and business solutions, with an extensive network of innovation and delivery centers.

Key Contributions:

- **Application Architecture & Development:** Designed and developed enterprise web applications using **.NET Core, C#, Angular, and RESTful APIs**, ensuring scalable and maintainable solutions.
- **Database Optimization:** Built and tuned SQL queries, stored procedures, and entity models, improving data access performance by reducing query execution times.
- **Quality Assurance:** Implemented unit testing with **xUnit, MSTest, and NUnit**, enabling early bug detection and improving code reliability.
- **Security & Compliance:** Applied authentication and authorization mechanisms (**JWT, OAuth, Azure AD**) to safeguard applications and comply with industry standards.
- **Performance Tuning:** Enhanced application response times by **revamping API architecture**, achieving a measurable **14% performance improvement**.
- **DevOps & CI/CD:** Automated builds and deployments with **Azure DevOps pipelines** and Git, ensuring smooth delivery cycles.
- **Collaboration & Mentorship:** Partnered with cross-functional teams (UI/UX, QA, product) and mentored junior developers in coding best practices.

Achievements:

- Revamped electronic invoicing system APIs, reducing latency and boosting response times by **14%**.
- Contributed to **98% client satisfaction score (2022)** through high-quality project delivery and effective collaboration.
- Improved developer onboarding and productivity by standardizing coding practices and peer review processes.

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Top Skills

C# object-oriented programming.

.NET framework specialist.

Fluent in Typescript.

API design knowledge.

Knowledge of access database.

Versioning tools.

2019 - 2021

Developer

Alumnus LMS

Alumnus Learning Management system.

Key Responsibilities:

- Collaborated with self-organizing, cross-functional teams following Agile methodologies to ensure smooth workflows and on-time delivery.
- Actively participated in daily scrums and weekly project meetings with stakeholders to align with project goals and deadlines.
- Engaged directly with clients to gather requirements and contributed to architecture design and development.
- Developed and enhanced an electronic invoicing system utilizing advanced Microsoft technologies such as Visual Studio, .NET, ASP.NET, C#, SQL Server, and Entity Framework.
- Designed and implemented front-end solutions using Angular TypeScript, HTML, and CSS for a responsive and user-friendly interface.
- Provided new ideas and innovative approaches in team discussions to achieve sprint goals and deliverables.
- Conducted code reviews, promoting adherence to coding standards and best practices across the team.

Achievements and Milestones:

- **Successfully Delivered a Scalable Web Application** – Led the development and deployment of a high-traffic web application using .NET Core and Azure, improving system reliability and scalability.
- **Implemented Automated Unit Testing Strategy** – Developed a comprehensive unit testing framework with **xUnit** and **Moq**, increasing code coverage by **85%** and reducing production bugs.

Education

2001-2007

Engineering

Universidad Industrial de Santander

Languages

Fluent **English**

Spanish, mother tongue.