

# Juan Vergara

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## SUMMARY



Senior Full Stack Developer with 12+ years of experience delivering scalable, high-performance web applications across enterprise and cloud-native environments. Proven ability to lead cross-functional teams and ship customer-centric products using modern tech stacks including **React**, **Angular**, **Node.js**, **.NET Core**, and **cloud platforms (AWS, Azure)**. Career highlights include migrating legacy systems to microservices, implementing CI/CD pipelines, and boosting customer engagement by over 30%. Eager to drive innovation and efficiency in complex full-stack ecosystems.

## WORK EXPERIENCE



### Senior Full Stack Engineer

**Double A Labs | Texas | Jul 2021 – May 2025**

- Led end-to-end development of an immersive virtual collaboration platform using **React**, **.NET Core**, and **Azure**, employing modular architecture to increase customer retention by 32%.
- Migrated legacy monolithic services to a Dockerized microservices architecture on **Azure Kubernetes Service**, improving scalability and reducing system downtime by 40%.
- Integrated **WebSocket**-based real-time chat and third-party APIs, boosting session duration and enhancing user engagement by 25%.
- Developed RESTful APIs using **.NET Core** and **Node.js** with optimized data serialization, reducing API response times by 30%.
- Mentored 4+ junior developers through regular code reviews, architecture walkthroughs, and Agile sprint planning, leading to a 20% increase in delivery velocity.

### Senior Full Stack Engineer

**Lightspeed L.A. | California | Mar 2018 – June 2021**

- Designed and developed scalable game support systems using **Angular**, **C#**, and **AWS Lambda**, automating ticket triaging to reduce player support response time by 60%.
- Implemented CI/CD pipelines using **Jenkins** and **Docker**, reducing deployment time by 70% and enabling daily production releases.
- Developed internal tools for QA automation and live monitoring using **Angular** and **Node.js**, increasing operational efficiency by 25%.
- Refactored performance-critical legacy modules in **C#** and **JavaScript**, reducing technical debt by 25% and improving load speed by 40%.
- Collaborated cross-functionally to align UI/UX between frontend (**Angular**) and backend APIs, improving load consistency and reducing frontend errors by 35%.

### Full Stack Engineer

**A.U.R.A. (formerly AURELIA + ICARUS™) | New York | Sep 2016 – Feb 2018**

- Built interactive BI dashboards using **React** and **Node.js**, integrating real-time analytics and filtering features that reduced manual reporting time by 50%.
- Migrated legacy monolithic applications to **.NET Core** and deployed to **Azure App Services**, improving

application scalability and reducing hosting costs by 30%.

- Developed secure authentication workflows using **RESTful APIs** with **OAuth2** and **JWT**, enabling single sign-on and reducing login-related support tickets by 40%.
- Optimized relational database queries and indexing strategies using Hibernate, improving query execution time by 20% on high-volume transaction tables.
- Led code review sessions and documented coding best practices, resulting in a 15% reduction in post-deployment bugs across the team.

## Full Stack Developer

### The Global Game Jam | California | Aug 2013 – Sep 2016

- Developed scalable event registration and game submission portals using **AngularJS** and **Node.js**, supporting thousands of global participants with real-time form validation and database sync.
- Integrated third-party APIs and optimized data serialization for faster client-server communication, reducing load times by 35% and enhancing user experience.
- Participated in Agile sprints with an international developer community, contributing to rapid prototyping and continuous feature delivery across 10+ time zones.

## SKILLS

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- **Frontend:** React.js, Angular, TypeScript, JavaScript (ES6+), HTML5, CSS3, Redux, Webpack, Tailwind CSS, Responsive Design, Bootstrap
- **Backend:** C#, .NET, .NET Core, ASP.NET MVC, Node.js, Express.js, RESTful APIs, GraphQL, Microservices Architecture
- **Cloud & DevOps:** AWS (EC2, Lambda, S3, CloudFormation), Azure (App Services, Functions, DevOps), Docker, Kubernetes, CI/CD Pipelines, Jenkins, GitHub Actions
- **Database Systems:** SQL Server, PostgreSQL, MySQL, MongoDB, Entity Framework, DynamoDB
- **Testing Frameworks:** Unit Testing, Integration Testing, Jest, NUnit, Moq, Postman, Swagger, Selenium
- **Tools & Platforms:** Visual Studio, VS Code, Git, GitHub, Bitbucket, Jira, Figma, Azure DevOps, Trello
- **Software Engineering Practices:** Agile & Scrum Methodologies, TDD (Test-Driven Development), OOP, SOLID Principles, Code Reviews, Design Patterns, Version Control

## EDUCATION

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### University of Texas at Dallas

### Bachelor of Technology – BTech, Mathematics and Computer Science

May 2009 – May 2013

Grade: 4.2

