Jacob Hernandez

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# Innovative and results-driven Senior Full Stack Developer with 10+ years of experience designing and delivering scalable, high-performance web applications. Expertise in JavaScript, React, Angular, Vue, and .NET (C#, ASP.NET, MVC), with a strong background in cloud-native development on Azure, SQL Server integration, and microservices architecture. Adept at leading teams, mentoring developers, and ensuring best practices in software engineering. Proven track record of building enterprise-level systems, implementing CI/CD pipelines, and optimizing applications for speed, scalability, and reliability. Seeking to leverage leadership and deep technical expertise to drive front-end innovation as a Lead/Senior Front-End Engineer.

# Experience

## September 2020 – PRESENT

### Senior Software Engineer | Intetics Inc.

* Led design and implementation of **scalable front-end solutions with React, Angular, and Vue**, integrated with back-end services in **C#/.NET MVC and Web API**, resulting in 30% faster application load times.
* Architected and deployed **Azure-based cloud applications**, leveraging Azure App Services, Functions, and Storage to improve availability and reduce infrastructure costs by 25%.
* Designed and optimized **RESTful APIs** with .NET Core and Entity Framework, enabling seamless cross-application integrations.
* Mentored junior developers in modern front-end development practices, Git workflows, and code quality, improving onboarding efficiency and reducing production issues.
* Implemented **unit and integration testing frameworks** (Jest, xUnit, NUnit), improving code reliability and reducing bugs by 40%.
* Conducted **Agile ceremonies** (sprint planning, retrospectives) and participated in technical architecture reviews to align with business objectives.
* Enhanced CI/CD pipelines with **Azure DevOps**, automating deployments and reducing release cycle time by 35%.

## September 2018 – AUGUST 2020

### Full-Stack Developer | Stockpile

* Developed **high-performance web applications** using React and Angular integrated with a .NET Core and SQL Server backend.
* Designed and implemented **microservices architecture** to decouple business logic, improving system scalability and reducing downtime.
* Improved **SQL Server database schemas** and optimized stored procedures, reducing query execution time by 20%.
* Collaborated with UX/UI designers to deliver responsive, cross-browser applications in **HTML5, CSS3, and TypeScript**.
* Built **automated unit and UI testing frameworks** (Selenium, NUnit, Jest) to ensure application stability across environments.
* Deployed applications in **Azure cloud**, including monitoring and performance tuning for enterprise-grade reliability.
* Conducted regular **peer code reviews** to enforce best practices in maintainability and performance optimization.

## June 2016 – JULY 2018

### Full-Stack Developer | Doxy.me

* Designed and developed **secure telehealth platforms** using React, Angular, and ASP.NET MVC, supporting HIPAA compliance.
* Built RESTful APIs and integrated with third-party services, expanding product capabilities without compromising performance.
* Enhanced front-end performance through **lazy loading and bundle optimizations**, reducing initial load times by 40%.
* Designed SQL Server data models with **Entity Framework**, ensuring consistency and scalability across healthcare applications.
* Collaborated with product managers in Agile sprints to deliver new features with high velocity and quality.

## NOVEMBER 2014 – MAY 2016

### Front-End Developer | Zillow Group

* Built **modern front-end applications** with React and Angular, improving user engagement on high-traffic real estate platforms.
* Implemented **responsive UI components** with JavaScript, TypeScript, HTML5, and CSS3 to optimize user experience across devices.
* Partnered with back-end teams to integrate APIs and enhance application features using C#/.NET services.
* Conducted **unit testing with Jasmine and Karma**, ensuring robust front-end codebases.
* Participated in **Agile Scrum ceremonies**, contributing to continuous improvement in team workflows.

# Skills

# Languages: C#, JavaScript (ES6+), TypeScript, HTML5, CSS3, SQLFrontend: React, Angular, Vue.js, Redux, Bootstrap, TailwindCSSBackend: ASP.NET MVC, .NET Core, Web API, Node.js, ExpressCloud & DevOps: Azure (App Services, Functions, Storage, DevOps), Docker, Kubernetes, Git, GitHub/GitLab, CI/CD pipelinesDatabases: SQL Server, Entity Framework, PostgreSQL, MongoDBTesting & CI/CD: Jest, Jasmine, Karma, NUnit, xUnit, Selenium, Azure DevOps PipelinesOther Tools & Technologies: RESTful APIs, Microservices Architecture, Agile/Scrum, Design Patterns, Code Reviews

# Education

## APRIL 2014

### B.S. in Computer Science |  The University of Melbourne