

Jeremy A. Cantú

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Objective and Summary

Jeremy originally hails from the border town of Laredo, Texas, thereafter attending Texas A&M University in College Station wherein he earned his bachelor's degree in Computer Science with a concentration in Systems Engineering. He has an avid interest in building distributed, scalable, and performant back-end systems with a focus on delivering clean, quality solutions whilst evangelizing those same standards amongst his peers.

Work Experience

Manager, Software Development & Engineering
Charles Schwab
May 2024 - Present

Software Development Engineer Senior Specialist
Charles Schwab
April 2019 - May 2024

- Led globally distributed teams in the architecture, development, and performance tuning of critical financial technology applications and batch services supporting the Schwab Portfolio Performance Reporting platform impacting nearly 40 million clients, utilizing .NET C#, WebAPI, and the NoSQL database Aerospike in an Agile and private cloud-based environment.
- In addition to the above, took lead in bringing SOLID design principles, unit and integration testing, memory profiling, and performance benchmarking to the forefront of associated teams' day-to-day delivery activities. Much of this was facilitated via a self-driven technical forum that radiated these best practices across the organization and our offshore counterparts.

Software Developer
Advanced Solutions International
January 2017 - March 2019

- Full-stack, .NET-oriented software developer, specializing in C#, JavaScript, HTML5, and CSS3 based web-development, including back-end (Entity Framework, T-SQL) and RESTful API (WebAPI) middle-ware technologies, facilitated within an Agile, Scrum-based environment.
- Crafted and performed quarterly product penetration-testing involving vulnerability scanning tools such as Arachni and Burp Suite, as well as database injection tools such as SQLMap.

Software Developer
Dell
April 2016 - January 2017

- Software Developer Engineer in Test, as part of the Dell Consumer Services "Responsive Platform" team. Responsible for automated test framework and suite creation for the entirety of the application, utilizing C#, Selenium WebDriver, and SpecFlow, as well as monitoring and analysis using Splunk and Adobe Analytics.

IT Consultant

Sogeti

June 2015 - April 2016

- Microsoft-technology oriented software developer, responsible for client-site projects in varying domains, platforms and technologies.
- Major accomplishments include a role as a Software Development Engineer in Test at Dell (took part in creating automated test suites for customer support applications using Selenium Webdriver and Protractor.NET, among other .NET and C# technologies), as well as leading the Summer 2015 graduating class as the "Class President," elected by his fellow co-workers and peers.

Current Skillset

- Languages: Proficiency in .NET C# (10) and JavaScript (ES5, ES6)
- Front-end Web Development: Proficiency with HTML5, CSS3, NPM dependency management, experience with the Angular framework and React library
- Back-end Web Development: Proficiency in .NET stacks involving ASP.NET WebAPI, Entity Framework and T-SQL, NoSQL data-store Aerospike, experience with JavaScript stacks involving Node.js. Proficiency in performance tuning, parallelism, and concurrency concepts alongside profiling toolsets.

Education

Texas A&M University, College Station, Texas - May 2015

B.S. Computer Science, Systems Engineering Track

Relevant Courses: Design and Analysis of Algorithms, Distributed Objects Programming, Networks and Distributed Programming

Professional Certifications

Cloud Digital Leader

Google Cloud

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