Luis Gerardo Velásquez

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SUMMARY

Software Engineer with deep experience in developing solutions with proficiency in modern programming languages. I have written a dozen applications from scratch as well as integrating them with existing solutions and infrastructure. I know how to design and write resilient systems that process big data. I am willing to teach others as well as communicating with stakeholders to deliver the best product needs and even go as far to enhance the business workflows.

SKILLS

C#, .NET, Typescript, Angular, React, SQL Server, NodeJS, MongoDB, Redis, Bash & PowerShell, Docker

EXPERIENCE

Software Developer III, Aya Healthcare Costa Rica   June 2024 – Present

- Modernized the front-end by upgrading Angular Material Legacy components to MDC, improving system performance and accessibility, and reducing UI-related maintenance issues.
- Accelerated provider onboarding by integrating DocuSign into compliance and credentialing workflows, cutting back-and-forth emails by an estimated 40% and reducing processing time from days to hours.
- Enhanced expense management capabilities for medical providers by building data-driven features that enabled accurate demand forecasting and decision making based on analytics for business partners.
- Optimized job search performance by improving query execution speed, resulting in a notable drop in task abandonment and exit rates and improving overall user satisfaction.
- Integrated Azure OCR + OpenAI into the user registering workflow automating profile creation by extracting the data from the uploaded resumes and reducing user outreach to verify their credentials.
- Language & frameworks used: **Typescript, Angular, Material, .NET, C#, SQL Server**
- Tools used: **Azure, Github, Visual Studio, VSCode, SQL Management Studio, Jira**

Senior Software Developer, Encora Costa Rica   December 2023 – June 2024

- Optimized build times for .NET applications deployed to Azure by half thus speeding the development cycle for rapid testing and deployment.
- Bug fixing, patching and updating framework versions to latest.
- Tech used: **C#, .NET, VueJS, Typescript, KendoUI, SQL Server**
- Tools used: **Azure Web App Service, Devops, Visual Studio, Azure Data Studio**

Senior Software Engineer, Outcoding   November 2016 – November 2023

- Built a data aggregation view of customer generated data enabling the analysts to take data driven decisions to save money. Additionally, this saved money for CallMiner by not having to buy 3rd party data visualization tools such as Power BI. Quire, Tableau etc.
- Created a library of reusable web components (in Angular and React) preventing the duplication of code and features across teams and standardizing the company branding throughout the application.
- Updated front-end applications to meet infosec scans standards.
- Enabled the product development teams to jumpstart a project quickly by creating project templates reducing the time to deploy to development and testing environments.
- Improved build pipelines and steps easing out the deployment to all staging environments, from a week to setup to just a day or hours.

- Language and frameworks used: **C#, .NET, React, AngularJS, Angular, Typescript, JavaScript, SQL Server, MongoDB, Redis**.
- Tools used: **Azure DevOps, Visual Studio, SQL Management Studio, Git and TFS, Jira, PowerShell, Docker, Rancher, Octopus**

IT Developer, Ernst & Young   *November 2015-November 2016*
- Created an automated email reminder for clients with pending bills or owed money. This resulted in clients paying before incurring penalty fees and easing the invoice collecting for the accounting department.
- Updated legacy systems that were using old versions of .NET and Visual Basic meeting the security standards and staying compliant with infosec audits.
- Extended the functionality giving the partners a priority of which clients and projects should be pursued based on their contract value.
- Tech used: **C#, .NET, jQuery, Visual Basic, SQL Server, DevExpress**
- Tools used: **Visual Studio, SQL SSIS, Git**

Web developer assistant, Universidad de Costa Rica   *September 2014 – November 2015*
- Produced a tracking system for published scientific papers enabling the academic counselors to overview the ratio of published papers to dollars invested by categories.
- Elaborated user stories negotiating with stakeholders the MVP and what was expected.
- Tech used: **CakePHP, JavaScript, MySQL**

EDUCATION

Bachelor in Computer Science and Informatics
UNIVERSIDAD DE COSTA RICA - San Pedro, Costa Rica - April 2016

OTHER PROYECTS

- Personal website – www.luisgvv.com – Built using Jekyll (which uses Ruby) and hosted on GitHub Pages. Here you will find some personal opinions and thoughts on work and software and computer related blog posts.
- Tech used: **Ruby, Powershell, Github, Git, HTML, CSS**