JUAN HUERTA

Full Stack Senior Developer

- Bern, Switzerland
- +41788990399
- juan.huerta@gmail.com
- linkedin.com/in/huertaj
- github.com/jhuerta

Skills

Software Development / SDLC

C# / ASP .Net / ASP .Net Core

ASP.NET MVC / WebAPI

Agile Methologies / Scrum

Javascript/VueJS

Continuous Integration (CI/CD)

Git / Subversion / TFS

Test Driven Development

XUnit / Unit Testing / Postman

Microsoft SQL

Azure

HTML/CSS/Vuetify/Quasar

Entity Framework / EF Core

IIS

Linux

Profile Summary

I am an experienced Senior Full Stack Developer with proven expertise in C#, ASP.Net, ASP.Net Core, and Vue.js. Working with Agile methodologies in Scrum teams and passionate about clean code and test automation, I have led the architecture and implementation of complex projects, redesigned and revamped existing web solutions, and maintained multiple legacy applications. Throughout my career, my interest in DevOps and automation has always led me to implement continuous integration and deployment pipelines on different platforms.

I hold a Master of Science in Telecommunication Engineering (Spain) and have been awarded a scholarship from the University of Virginia (USA). With over two decades of international experience in start-ups, private companies, and the public sector across five countries and 3 continents, I seek challenging opportunities to leverage my skills as a seasoned full-stack developer and passion for automation and DevOps.

Work experience

Aug 2022 - Present

Senior Web Software Engineer
Swach Group Services (Biel, Switzerland)

Experienced Senior Full-Stack Software Engineer proficient in C#, .NET Core, .NET Framework, and Vue.js. Committed to enhancing efficiency through CI/CD pipelines and automation.

From conceptualization to execution, I am dedicated to designing, implementing, and maintaining robust .NET/ASPX/MVC/WebAPI web applications. Working within Agile methodologies and alongside fellow engineers in our Scrum team, I contribute to the entire development lifecycle, ensuring seamless integration of features across both backend and frontend.

- Lead end-to-end development and support of .NET/ASPX/MVC/WebAPI applications, ensuring functionality and performance.
- Member of Agile Scrum team, following Agile methodologies and best practices.
- Manage CI/CD pipelines using Azure DevOps for efficient deployment processes.
- Conduct code reviews, advising on clean code practices and software development standards.
- Migrate and modernize applications (Vue.js, WebApi, Clean Architecture)
- Develop new web applications (Minimal API, .NET Core, Vuel.js, Vuetify, Typescript, Quasar).
- Maintain and upgrade legacy applications, ensuring compatibility with modern technologies.
- Write comprehensive tests (XUnit, Postman, NSubstitute, and Moq).
- Deliver clean, efficient code while meeting stakeholder requirements.
- Participate in stakeholder and client meetings, showcasing applications and gathering feedback.
- Troubleshoot and optimize application performance and user experience.
- Document new functionalities and processes for knowledge transfer and maintenance.
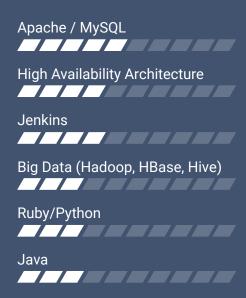
Technologies and tools: C# · .NET Framework · ASP.NET Core · ASP.NET · ASP.NET MVC · Clean Architecture · Vue.js · Vuetify · Vue · Javascript · Typescript · Quasar · Azure DevOps · Azure DevOps Server · Pipelines · DevOps · Continuous Integration and Continuous Delivery (CI/CD) · Automation · Test Automation · Entity Framework · SQL · Microsoft SQL Server · Agile Methodologies · Scrum · Software Deployment · High Availability Architecture

Oct 2013 - July 2022

Senior Software Developer
Universal Postal Union (Bern, Switzerland)

Experienced software engineer proficient in mentoring junior developers and designing and implementing robust CI/CD pipelines. Skilled in leading Agile practices, developing modern web applications, and optimizing Big Data platforms. Strong expertise in C# and .NET for backend development,

Skills

Apache / MySQL

High Availability Architecture

Jenkins

Big Data (Hadoop, HBase, Hive)

Ruby/Python

Java

Vue.js, and AngularJS for dynamic frontend interfaces. Refactored legacy systems, assisted in project planning, and provided third-level support.

- Mentored junior developers in JavaScript, best practices, and clean code, fostering continuous learning.
- Designed, developed, and maintained robust CI/CD pipelines using Git and TFS Server, reducing errors.
- Built comprehensive automated testing frameworks with NUnit and Postman, ensuring software reliability.
- Fostered Agile practices like Scrum, TDD, and pair programming, enhancing collaboration and code quality.
- Led architecture and development of web apps using Vue.js and ASP.NET Core, delivering scalable solutions.
- Developed Big Data jobs using Java and Hadoop, enabling efficient data processing.
- Refactored legacy systems with C# and WCF, adding value and meeting requirements.
- Assisted in project planning and evaluating workload for successful execution.
- Documented technical specifications for seamless knowledge transfer.
- Participated in detailed test and deployment plans, ensuring smooth application deployment.
- Provided 3rd-level support, resolving complex issues for smooth software operation.

Technologies and Tools: .ASP.NET MVC · C# · ASP.NET Core · SQL · .NET · .NET Core · NUnit · AngularJS · Vue.js · IIS · Big Data · Hadoop · HBase · Hive · Unit Testing · Integration Testing · Web Caching · GNU/Linux · Apache · .Net MVC · ASP.NET Web Forms · Windows Communication Foundation (WCF) · XML · TFS · jQuery · Git · Entity Framework · ReSharper · LINQ to SQL

Apr 2011 - Sep 2013

Senior Software Developer
Asiarooms Pte Ltd (Singapore, Manchester)

Agile team member as a senior .NET developer and scrum master at Asiarooms Pte Ltd, Singapore, and Manchester. Spearheaded local Continuous Integration processes, ensuring seamless daily deployments and automatic UAT/Staging triggers. Enhanced legacy applications, supporting 200,000 daily visitors, and championed Agile methodologies, recognized with the Customer Obsession Award in 2012.

- Acted as a senior .Net developer and scrum master in an Agile globally distributed team, following ITIL practices, for Asiarooms Pte Ltd in Singapore and Manchester.
- Built and enhanced local Continuous Integration processes using Jenkins and added pipeline tasks to the existing CI server (rake).
- Ensured daily automated deployment without service interruption to the live environment, with deployments triggered automatically by every commit (Subversion, Jenkins) to the UAT/Staging environment.
- Developed tasks in the CI server, including versioning, JS unit tests (Jasmine), and minifying CSS/JS.
- Created automated unit tests (NUnit), integration tests (SpecFlow), and UI tests (Java, Twist, Selenium, Cucumber).
- Contributed to migrating legacy applications to responsive, mobile-dedicated sites and MVC .Net.
- Maintained and enhanced the application to support 200,000 unique visitors/day, utilizing MVC .Net, C#, IIS, and SQL.
- Embraced Agile methodologies and best practices such as TDD, Continuous Integration, pair programming, and code reviews.
- Supported the community site, wrote/modified plugins (Linux, Apache, WordPress, PHP), refactored legacy PHP code, conducted admin tasks in a Linux server (Debian, PHP), and implemented a reverse proxy solution for SEO.
- Recognized with the Customer Obsession Award in 2012.

Tools and Technologies: ASP.NET MVC · C# · ASP.NET Core · SQL · Jenkins · go · Rake · Subversion · Memcached · jQuery · JavaScript · AJAX · Web Services · IIS · SQL Server Management Studio · Twist · NUnit · SpecFlow · Rhino Mocks · NHibernate · StructureMap · ReSharper · Jasmine Framework · Pipelines

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Feb 2007 - Apr 2011

Team Lead / Senior Server Side Developer.
BEHRINGER Pte Ltd (Singapore, Philippines, Germany)

- Team lead for backend team. Planned, assigned, and supervised (4) developers
- Migrated systems from physical machines to virtual environments (VMWare) under High Availability architecture
- Designed Single Sign On authentication protocols between multiple systems
- Working with and administering LAMP environments and architectures (Linux Apache MySQL PHP)
- Liaised with project managers and business analysts to gather requirements, assess risks, estimate timelines and propose solutions and preventive measures for risk mitigations
- Developed Continuous Integration scripts for agile development (automated unit testing, load testing, backup and deployment of code to multiple servers and stages)
- Performed root-cause analysis on situations of low performance and critical bugs
- Developed Web Services in C# for Flex client with Axapta business layer and MS SQL
- Developed enterprise portals (C#, .Net, Web Services, MS SQL)
- Developed Drupal based community site (Drupal, PHPBB, WordPress, PHP, MySQL)
- Special Chairman award 2009 for performance and achievements in projects and delivery
- Behringer Award 2008 for punctuality and zero absences and sick leaves

Tools and Technologies: C#, .NET, PHP, Flex, Web Services, Tridion, Drupal, PHPBB, WordPress, MySQL, MS SQL, LAMP environment, VMWare, HA Architecture, FTP, IIS, SSO, Axapta, bash scripting, MSBuild Tasks (Continuous Integration)

Jun 2006 - Feb 2007

Senior server side developer.
Wablet (FBM Software) (Philippines)

- Developed APIs for an instant message scalable web application (Ruby On Rails, Linux)
- Administered virtual machines (VMWare) and set up web development environments
- Coded Web Services in C#, running under Apache server (mod_mono) and MySQL
- Linked web services (C#) with XMPP Server (eJabberD) for IM communication
- Implemented RSA based encryption/decryption process for user authentication
- Designed and developed web administrative tool for web site monitoring

Tools and Technologies: Ruby on Rails, Linux, VMWare, Apache, MySQL, C#, Web Services, XMPP Server (eJabberD)

Education

1996 - 2003   **MSc Telecommunication Engineer**
Universidad de Zaragoza (Spain)

2001 - 2002   **IMCC Scholarship**
University of Virginia (USA)
IMCC (Innovative Multi-Cultural Curricula) Scholarship

Certifications and Courses

2015 - Present   **Online training in multiple platforms**
Udemy, Pluralsight ...
See public Github repositories for all courses taken
(https://github.com/jhuerta?tab=repositories)

Aug 2013   **ITIL Foundation Certificate in IT Service Management**
EXIN

Jul 2013   **Microsoft Specialist in C# / MCSD Web Applications**
Microsoft

Jul 2013   **Microsoft Specialist in HTML5 with JavaScript and CSS3**
Microsoft

Jul 2013   **MCSD Windows Store Apps Using C#**
Microsoft

Apr 2012   **Scrum Master / Agile Team Member / Agile Product Owner**
Scrum Institute (www.scrum-institute.org)

Languages

Spanish (Mother tongue)

English (C1, Full working profiency)

French (B2, Limited working profiency)

German (A1, Elementary level)

Courses and Certificates

Certifications