

# DEVELOPER + TECH LEAD + PROJECT MANAGER

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### SUMMARY

I'm a creative and goal-oriented professional, who enjoys new challenges and continuous learning. Personal strengths include solid teamwork, leadership, problem-solving skills and the ability to adapt to changing conditions. I bring over 10 years of experience working on analysis, design, development and management of successful software solutions. Furthermore, I have strong communication skills in both English and Spanish.

### TECHNICAL SKILLS



HTML5 / CSS3 / JS ● ● ● ● ○  
JQUERY ● ● ● ● ○  
BOOTSTRAP ● ● ● ○ ○  
LESS ● ● ● ○ ○



SQL SERVER ● ● ● ● ○  
MYSQL ● ● ● ● ○  
SQLITE ● ● ● ● ○  
COUCHDB ● ● ● ○ ○



C# ● ● ● ● ○  
ASP.NET ● ● ● ● ○  
ASP.NET MVC ● ● ● ○ ○  
EF ● ● ○ ○ ○  
LINQ ● ● ● ● ○  
WFC ● ● ● ● ○



SVN ● ● ● ● ●  
GIT ● ● ● ○ ○  
TEAMCITY ● ● ● ● ○  
JENKINS ● ● ● ○ ○  
CRUISE CONTROL ● ● ○ ○ ○



JAVA ● ● ● ○ ○  
ANDROID ● ● ● ● ○  
OBJECTIVE-C ● ● ○ ○ ○  
RUBY ON RAILS ● ● ● ○ ○  
PHP ● ● ○ ○ ○



JIRA ● ● ● ● ○  
RALLYDEV ● ● ● ● ●  
REDMINE ● ● ● ● ○  
BUGZILLA ● ● ● ● ●  
BASECAMP ● ● ● ● ●

## EDUCATION

### **Prometric Test Center**

70-480: Programming in HTML5 with Javascript and CSS3 certificate. 2013.

### **Universidad Cenfotec. San Jose, Costa Rica.**

Technical Web Development & Design Program. Web Design, Web development & Javascript courses. 2012.

### **Centro de Capacitación Cybernet S.A (CyberU). San Jose, Costa Rica.**

Web Design Program. Basic Illustrator & Photoshop courses. 2012.

### **Universidad Cenfotec. San Jose, Costa Rica.**

IT Upgrade Program: HTML5. 2011.

### **Universidad Latinoamericana de Ciencia y Tecnología (ULACIT). San Jose, Costa Rica.**

Basic iPhone Development. 2010.

### **Universidad Latinoamericana de Ciencia y Tecnología (ULACIT). San Jose, Costa Rica.**

Basic Ruby on Rails Development. 2010.

### **Scrum Alliance.**

Certified ScrumMaster (CSM). 2009.

### **Universidad de Costa Rica (UCR). San Jose, Costa Rica.**

M.S. Degree in Computer Science. San Jose, Costa Rica. 2009.

B.S. Degree in Computer Science. San Jose, Costa Rica. 2006.

### **New Horizons. San Jose, Costa Rica.**

Certificate in ITIL Foundations. 2006.

### **Berlitz International. San Jose, Costa Rica.**

English program. 2000.

## RELEVANT EXPERIENCE

### **August 2012 – Present Software Development Lead POP Digital**

POP is a digital agency. A concept that is very different from most companies in my background which are software shops mainly. POP opened an office here in Costa Rica about 3 years ago and I've been leading the software development team in this office since August 1<sup>st</sup> 2012.

The software development team is mainly a back-end team working with technologies like .NET (ASP.NET & ASP.NET MVC) & Java. The team not only works on projects but also has to dedicate time to the Support Services initiative.

Support Services is a team dedicated to provide support of existing clients / projects. The support usually includes bug fixing, new feature implementation and answering questions from our clients regarding third party components like CMS systems or frameworks.

As the software development lead, my main tasks are: ensuring best practices in the team, provide guidance and support to less experienced developers, development of applications, resourcing and team management tasks (vacations, trainings, etc).

As developer I've been working on some ASP.NET (web-forms) & ASP.NET MVC applications. Mainly developing new features which involved updating MSSQL DBs and WFC services creation and integrating third party componenets like: Tessitura, Twitter and Masterpass.

**Mar 2012 – August 2012**  
**Independent Consultant**  
**Prosoft Nearshore**

I've been working as an independent consultant for Prosoft Nearshore, mainly doing .NET development using technologies such as: ASP.NET MVC 3, Entity Framework, JQuery and JQuery Mobile.

I worked mainly on an auction site with real time betting functionality similar to eBay. We had redesign the site and add more funtionality to it.

Also worked on a very small promotional site for Heineken. This site was supposed be accessed mainly from your phone in order to complete some tasks ending in treasure hunt activity. The whole site was implemented using ASP.NET MVC3 and JQuery Mobile for the front-end part.

Besides development, I also performed a presentation demonstrating the usage of some Javascript frameworks and libraries like: JQuery, Modernizr, Less, Backbone and Node.js so these were considered and adopted by other developers in the company.

Besides my job in Prosoft Nearshore I've been actively involved in the development of an e-commerce website using HTML5, Ruby, Sinatra & MySQL.

**Jan 2011 – Jan 2012**  
**Cecropia Solutions SA**  
**Co-Founder & CTO**

Mainly focused on building a development process and a high quality culture in the company. Performed multiple roles related to software development such as: project manager, tech lead, developer, and tester among others. Administrative tasks such as office management and recruitment were additional responsibilities.

Actively participated in recruiting by doing interviews and screening after technical tests

were done; ensuring we got the best talent.

Led a web development team on Ruby on Rails. We successfully developed several small web sites called "advisors". These advisors are being sold to different companies like Dell, HP, Microsoft, etc.

Started and trained the mobile (Android & iPhone) development team. Developed an Android application targeting Android 2.1, 2.2 & 2.3 versions. When Honeycomb (3.x.x) & Ice-cream Sandwich (4.x.x) were released refactored and optimized the application to support the newer versions.

Developed a hybrid mobile application (native development + HTML) using PhoneGap and native launchers (Android & iPhone) in which the target were tablets.

Provided maintenance to an existing iPhone application; bug fixing and new feature development were performed in this case.

Deeply analyzed and proposed solutions for a client willing to buy a .NET application with performance issues. Also, as requested, developed a pilot project using .NET, CouchDB & ElasticSearch technologies.

Did some Java + Grails web development as well, as working in a Grails, ActiveMQ & Quartz integration.

**Nov 2009 – Jan 2011**  
**Growth Acceleration Partners**  
**Project Manager / Scrum Master**

Starter of the mobile (iPhone / Android) development division at the company. Technical lead & coach of different teams. Led and coordinated different teams of up to 10 people including development and QA.

Successfully led different projects, such as: IM (.NET, iPhone), WASP (.NET) USAA (iPhone & server side), Pokedex (iPhone), ACS Athletics (iPhone), Fi-Mobile (iPhone, iPad, Android & Backend), and eDoorways (iPhone).

Involved in the recruitment for all the different projects I led by screening and recommending the best person for the position.

Ensured a pleasant work environment. This involved: talking to people or warn them, help them grow within the organization, and in worst cases dismiss them from their responsibility.

Other non-technical work such as: planning towards the projects pipeline, projects' staffing, reviewing projects' status across the company, conducting performance reviews, leading the training initiative at the company, conflict solving, etc. was also performed. Ensured the proper Agile/Scrum execution across development and QA. Directed Stand Up, Planning & Retrospective meetings. Fulfilled also some Product Owner tasks like preparing the stories for the sprint when it was required.

Led the architecture design of several projects. For example: for IM I was asked to present a scalable architecture for a social network application. The proposal included:

CassandraDB, MemCached, ASP.NET MVC, WCF, HTML & JQuery.

For WASP we came with an application using WPF, Galasoft MVVM Light Toolkit and a third party library for specific controls required. For iPhone / Android apps we followed the standard MVC architecture.

Source repository (SVN) management: creation of the repository, users, branches, tags, etc. was the usual.

Identified and documented coding standards & best practices for both .NET & iPhone development. Performed random Code Review sessions in order to ensure good code quality across the projects.

Before leaving the company worked on an iPhone development library to be used across projects in future as a development base. This was unfortunately not concluded.

## **May 2008 – Nov 2009**

### **Growth Acceleration Partners**

#### **Technical Lead / Senior .Net Developer**

Software development in .NET applying an Agile / Scrum methodology.  
In charge of research and technical guidance to the team.

Learned proper Agile / Scrum process application and lead a project called: 'Vital Insight' that is a desktop solution developed in C# .NET with more than 322424 lines of code (at the time) and 17 projects in the solution.

Managed a team of 4 engineers for the 'WebCFO' project: a distributed solution that includes a Windows Service application running in the client side and a web based solution. The server side solution was developed with the latest Microsoft technology at that time (VS2008, Silverlight, WCF, Entity Framework, MS SQL Server 2008). The client side consisted on a Windows NT Service consuming WCF services.

Successfully developed new stories (requirements) from the Product backlog.  
Analyzed requirements and defined the architecture, functional & technical specifications.  
Organized sprints and planned releases according to the Agile / Scrum methodology.  
Served as single point of communication for the client for this project.  
Coordinated and directed the weekly meetings with the client.  
Coached new team members in Agile / Scrum.

Defined the recruiting tests sent to select potential .NET developers.

## **2007 - 2008**

### **Application Engineering Group (AEG)**

#### **Senior .Net Application Developer**

Responsible of analyzing and implementing solutions using the following technologies:  
ASP.NET, C#, JavaScript & SQL Server 2005

Successfully developed and delivered different requirements for two middle sized projects: 'Intellicue' and 'SchoolTube'.

Wrote technical specifications (identifying specific interfaces, methods, parameters, etc.) in order to achieve the objectives of functional & technical requirements.

Performed database maintenance: creation of new stored procedures, triggers, and views.

Collaborated with the Project Manager in design, doing time estimates, scheduling, doing resource management and distributing the workload within the team.

## **2006 - 2007**

### **Hewlett Packard Corporation ITO Support (Service Management)**

Technical Lead supporting a Java/SAP based web application.  
Responsible of team coordination: workload distribution, prioritizing task, time management, coaching new team members, etc.

Client management: meetings coordination, issues resolution and gathering new requirements.

Performed routine checks: running jobs in servers and maintaining general application performance, among other duties.

Bug fixing (Incident Management) within the established SLA.  
In charge of properly applying the Issue escalation process (Problem Management/Change Management).

## **2005 - 2006**

### **Avantica Technologies Web Developer**

Worked in a classic ASP application developing new modules and upgrading the existing code in order to adapt new requirements.

In charge of doing builds and releases to Production environment.

Database maintenance: Creation of new stored procedures, triggers, and views.

## **2004 - 2005**

### **Universidad de Costa Rica Medical School Web Developer**

Developed two web applications: an inventory application for office supplies and a small app to keep track of graduated students.

Designed and provided general database maintenance.

## **REFERENCES**

For references & recommendations please check my [LinkedIn](#) profile.