Rui Cheng

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Objective

I love programming which always gives me fun and a sense of accomplishment. I enjoy the moment when my work is appreciated by end users because that shows my value of my professional skills. Most importantly, I think my background perfectly fits what your job requirement describes.

Experience

Ryarc Technology Limited *Aug 2010 – Present (Full-time)*
Ryarc is a company which develops digital signage software. Our main product is CampaignManager (CM), which is a very competent in digital signage market. In fact, Intel has been very interested in it and has bought our codebase license to develop their market. I started my career in this company as a member in the development team, working on CM version 3. By the year 2013, CM has advanced to version 6, to which, I've contributed my energy, knowledge and skills for more than 3 years. Most of the time, our development is based on .NET platform. My main contribution to the product includes:

- Several key modules for CM client side such as Schedule, Searching, History, Upgrader, Task, Zusa, etc. (main technologies include **WPF**, **WCF**, **Windows Service, Entity Framework (**which was later replaced by ADO.NET due to its performance issue)
- CM-related web applications such as RyarcMobile and DEUS (main technologies include **ASP.NET MVC**, **HTML**, **CSS**, **jQuery, KnockoutJS, CoffeeScript**)
- Android Player, which is our CM player running on **Android** platform
- Daily bug fixing
- Code refactoring and optimization
- Build process design, scripting (main technologies include XML, InstallAware, MSBuild)
- Product localization

More Experience

I'm also one of the main developers of http://www.themakeupsocial.com, which serves as a social beauty sharing network for women, and contains a suite of complex UI interactions done by **JavaScript**. We build this website using PHP (laravel, an excellent MVC framework) + MySQL for back-end and **Bootstrap 3** + **jQuery** + **KnockoutJS** for front-end. We use **TDD** approach to build this website and currently it's being maintained by 750+ tests, the running time of which is less than 2 minutes.

Besides, I'm also a main developer who built http://tracksift.com (I'm not the owner of this site). This website is written in PHP (laravel framework) and **KnockoutJS**. It allows users (mostly DJs) to upload their song tracks using Soundcloud API and discuss about their songs.

Additionally, one of my strengths is that **I have experience in both back-end and front-end**. Such experience makes me fully understand how to well integrate UI and remote service, thus bringing more efficiency while working with other team members.

My Online CV

I built my online CV here: http://morethannerds.herokuapp.com/#/cv Please feel free to visit it. Note that this is a free cloud server so it might be slow when you open it the first time. I built this site with Ruby on Rails + AngularJS. GitHub repository link: https://github.com/ktei/MoreThanNerds

Education

University of New South Wales *(2008 – 2010)*
Degree: Master of Information Technology
Academic Performance: Distinction

Skills

Strongly typed languages: **C#, Java (Strong knowledge of OO programming)**
Weakly typed languages: **JavaScript, PHP**
Mobile development: **Android**
Desktop development: **WPF**
Web back-end development: **ASP.NET MVC, PHP (Laravel)**
Web front-end development: **HTML, jQuery, KnockoutJS, CSS, LESS**
Database: **MS SQL Server, MySQL, SQLite**
Unit Testing: **PHP Testing Framework, PHP Mockery (I can pick up any other unit testing framework very quickly)**
Version control: **TFS, Git**

References

References available upon request