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 the value of my professional skills. Most importantly, I think my background well 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. Most of the time, our development is based on .NET platform. My main contribution to the product includes:

- Several key modules for CM client with main technologies like **WPF**, **WCF**, **Windows Service, Entity Framework, ADO.NET**
- 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)

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 **Bootstrap, KnockoutJS and JQuery**. 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 (using MVVM)**
Web back-end development: **ASP.NET MVC, PHP (Laravel)**
Web front-end development: **HTML, jQuery, KnockoutJS, CSS, LESS**
Database: **MS SQL Server, MySQL, SQLite**
Dependency Injection Frameworks: **Ninject, MEF**
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