Kenneth Kam

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I am an enthusiastic developer who loves to write good code that solves business problems. Based in London, I enjoy working collaboratively in a team as well as working autonomously. My latest interest have been writing enterprise software, in particular focusing on SOLID principles and improving my domain modelling skills.

Skills

Current

C# 5, .NET 4.5, ASP.NET MVC 5, ASP.NET Web Api 2, Knockout, TypeScript, SOLID, TDD, TFS, NUnit, Moq, Scrum, NuGet, and Git

Experience

Couchbase, ElasticSearch, RabbitMQ, AngularJS, Grunt, Bower, Python, Javascript, SQL, Django, Rhino Mocks, TeamCity, jQuery, Subversion, and Linux

Work Experience

Senior Developer, Perfect Channel

October 2014 — Present

C# 5, .NET 4.5, ASP.NET MVC 5, Knockout, TypeScript, SOLID, TDD, TFS, NUnit, Moq, Scrum, Couchbase, ElasticSearch, and RabbitMQ

- Full-stack development of an eCommerce platform in ASP.NET MVC 5 using SOLID principles and TDD.
- Experience with various technologies such as Couchbase, ElasticSearch and RabbitMQ.
- Followed the Scrum methodology to deliver iterations. Actively participated in sprint planning and retrospectives to promote continuous improvement.
- Proactive in documenting existing technical debt in the codebase.

C++ Developer, Rates E-Commerce, Credit Suisse

March 2014 — October 2014

C++, Google Test, Google Mock, Boost, TeamCity, and Unix

- Responsible for developing and delivering a C++ market data feed for the MTS Cash Market Facility.
- Developed code using the test driven development method with Google Test and Google Mock to ensure testability and improve code quality. Use of smart pointers from Boost where appropriate to safely manage resources.
- Continuous integration using TeamCity providing nightly builds and tests.

GUI Developer, Rates Electronic Market Making, Credit Suisse

July 2012 — March 2014

WPF, C# .NET 4, Oracle/Sybase SQL, NUnit, Rhino Mocks, TeamCity, and Unix

- Main WPF GUI developer responsible for implementing new features using MVVM to promote code

maintainability. Added unittests to enable refactoring the codebase.

- Implemented continuous integration using TeamCity and created a QA test plan to maintain application quality between releases.
- Implemented an automated release process using TeamCity and shell scripts to allow one-click deployments.

Application Developer, Trade Management, Credit Suisse

July 2011 — July 2012

ASP.NET MVC 3, MSSQL, C# .NET 4, NUnit, Rhino Mocks, and TeamCity

- Developed an ASP.NET based CRUD application to administer user access to a trade blotter using HTML5 and MSSQL stored procedures.

Intern, ICT Develop, Airbus

July 2008 — July 2009

Education

MSc in Computer Science, University of Bristol

2010 — 2011

BEng in Aeronautical Engineering, University of Bristol

2005 — 2010

- Achieved 2:1 honours
- One-year industrial placement at Airbus, UK. See above.

The King's School, Canterbury

1999 — 2004

- A in Mathematics, Further Mathematics, Physics, and Design and Technology

Achievements

Technical Analyst Challenge Winner, Credit Suisse

January 2013

Angular.js, HTML5, and jQuery

- Designed and developed the UI to the incident management dashboard using Angular.js that won the Technical Analyst Challenge.
- Collaborated on the product presentation and created the overall look-and-feel for the presentation.