Jay Umesh Gurnani

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JG

SUMMARY

I graduated from the University of New South Wales with a Bachelor in Computer Science and I am currently perusing a Masters of Information Technology at the same university. With 4 years of professional programming experience, I am able to develop complex solutions and communicate them to all levels of the organization. Colleagues know me as quick learner, an avid enthusiast for new technology and thinker who applies new computing paradigms for solving complex problems.

OBJECTIVE

I am seeking employment with a company where I can utilize new technologies and my skills to help the company meet its goals.

KEY SKILLS

Technical Skills

Expert Competence: .NET (VB & C#) • SQL • Java • Perl • JavaScript • HTML • Agile Methodology
Strong Competence: AngularJS • jQuery • Python • Android Development • CSS

Soft Skills

Languages: English • Chinese (Mandarin) • Hindi
Teamwork/Communication: Team Management Systems (TMS) Proficient • Excellent communication skills

EXPERIENCE

UNIVERSITY OF NEW SOUTH WALES (UNSW) • Sydney, Australia　　　　　　　　**Aug 2016 – Present**
Researcher – Networked System and Security Group

Responsibilities:

- ❖ Building a Drone Energy Model with Professor Mahbub Hassan's team

Projects:

- ❖ Master's Thesis: Tetherless Small Cell Base Stations using UAV Platforms.

Technologies:

- ❖ Java, Android Development, R, Python

PRICEWATERHOUSECOOPERS (PWC) • Sydney, Australia　　　　　　　　**Jan 2015 – Aug 2016**
Junior .NET & SQL Developer – Enterprise Performance Solutions (EPS) Division

Responsibilities:

- ❖ Based on Client specifications, built and designed software for multiple 6 month projects (front end and back end)
- ❖ Subject-matter expert on SQL performance tuning (25+ Developers)
- ❖ Technical code reviewer for backend and middle tier code (25+ Developers)
- ❖ Mentored, trained and performance reviewed 3 interns
- ❖ Lead a team of 2 developers to load and performance test

Achievements:

- ❖ Received "Outstanding" rating for previous financial year
- ❖ Released 3 versions of the in-house Enterprise Software
- ❖ Initiated the Cross-Brower project resulting in a 2 year undertaking by EPS

Projects:

- ❖ Proof of concept for architecture automation and application configuration using Puppet
- ❖ Proof of concept for replacing IE's XML Data Islands in legacy web applications
- ❖ Performance testing using JMeter and Visual Studio Load Test
- ❖ Improving SQL query performance across all systems
- ❖ Upgraded legacy applications using Adobe Flex
- ❖ Architected and built software to manage the movement of data using SQL Replication and SSIS

Technologies:

- ❖ SQL, .NET, AngularJS, JavaScript, HTML, CSS, Adobe Flex, Visual Studio Load Test, JMeter

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PRICEWATERHOUSECOOPERS (PWC) • Sydney, Australia   **Jan 2013 – Dec 2014**
Graduate - Enterprise Performance Solutions (EPS) Division

Responsibilities:
- ❖ Rotated among the Development, Business Analyst, Infrastructure Support and Business Intelligence teams to learn how each team operated with regard to the software development cycle

Projects:
- ❖ Rewrote legacy applications using .NET 4.5 and jQuery (1 year project)
- ❖ Released 4 versions of the in-house Enterprise Software

Technologies:
- ❖ SQL, .NET, jQuery, JavaScript, HTML, CSS, PowerShell

Achievements:
- ❖ Won the PwC Values and Recognition Award for quickly learning the Sencha Touch Framework and fixing critical software bugs on a short timeframe
- ❖ Received "Outstanding" rating for 2 previous financial years
- ❖ Automated various process through PowerShell, SQL and Perl
- ❖ Improved cross team technical knowledge sharing by documenting the technologies and the designs each team uses

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ACADEMICA SINICA • Taipei, Taiwan   **Sep 2010 – Feb 2011 & Nov 2011 – Feb 2012**
Intern Ruby on Rails Developer – Development Team

Responsibilities:
- ❖ Worked on outstanding tickets to improve client-facing applications (8 Developers)
- ❖ Responsible for all Chinese – English translations for all in-house developed software

Projects:
- ❖ Upgraded the UI for backend ticket tracking systems

Achievements:
- ❖ Streamlining UI code to allow for better coding standards and quality
- ❖ Introduced Atlassian's FishEye for SVN Commit visualizations

Technologies:
- ❖ Ruby on Rails, Linux, PrototypeJS

GOLD ARCH INTERNATIONAL PRESCHOOL • Guangzhou, China   **Aug 2007 – Aug 2008**
Full stack developer

Responsibilities:
- ❖ Liaised with client to gather business requirements
- ❖ Sole Business Analyst, Infrastructure support and Developer (1 year project)

Projects:
- ❖ Designed and built Gold Arch International Preschool's Website from ground up

Achievements:
- ❖ Built the website using Adobe Dreamweaver
- ❖ Learnt elementary design skills using Adobe Photoshop to meet client's needs

Technologies:
- ❖ HTML, CSS, Adobe Photoshop, PHP

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EDUCATION

MASTER OF INFORMATION TECHNOLOGY   **July 2015 - Present**
University of New South Wales • Sydney, Australia • High Distinction Average
Key Area of Focus: Big Data Technologies (Hadoop and Data Warehousing)

BACHELOR OF SCIENCE   **Aug 2009 – Nov 2012**
University of New South Wales • Sydney, Australia • Credit Average
University of Illinois • Champaign, IL, USA

CERTIFICATIONS

Microsoft 70-461: Querying SQL Server   **May 2015**
Score: 91/100

Algorithms (Coursera)   **July 2014**