

Jay Umesh Gurnani

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SUMMARY

Software engineer with 5 years of professional programming experience and broad knowledge of backend systems and databases. Interested in backend positions with an emphasis on high volume data.

EXPERIENCE

Leap Legal Software

Backend .NET Engineer

Nov 2016 – Present *Sydney, Australia*

- ❖ Moved multiple applications logging from disk to SumoLogic saving hundreds of dollars in AWS costs
- ❖ Automated Sharding to move data from one Shard to another results in better database performance
- ❖ Introduced Flyway for database deployments, savings significant resourcing costs

PricewaterhouseCoopers (PwC)

.NET Developer & Lead SQL Developer

Jan 2013 – Aug 2016 *Sydney, Australia*

- ❖ Initiated the Cross-Browser project resulting in a 2 year undertaking by the company at the cost of 2 million dollars
- ❖ Improved SQL query performance by up to 100% by rewriting queries and fixing database indexes
- ❖ Subject-matter expert on SQL performance tuning, and technical code reviewer for backend and middle tier code (25+ Developers)
- ❖ Architected and built software to manage the movement of enterprise data using SQL Replication and SSIS
- ❖ Automated various business process through PowerShell, SQL and Perl saving significant resourcing costs
- ❖ Wrote backend and middle tier coding standards for developers to follow

Academia Sinica

Intern Ruby on Rails Developer

Sep 2010 – Feb 2011 & Nov 2011 – Feb 2012
Taipei, Taiwan

- ❖ Introduced Atlassian's FishEye for SVN Commit visualizations

Gold Arch International Preschool

Full Stack Developer

Aug 2007 – Aug 2008 *Guangzhou, China*

- ❖ Sole Business Analyst, Infrastructure support and Developer (1 year project)
- ❖ Learnt elementary design skills and web development to meet client's needs

EDUCATION

MASTER OF INFORMATION TECHNOLOGY

University of New South Wales, Sydney, Australia

- ❖ High Distinction Average
- ❖ Key Area of Focus: Big Data Technologies

BACHELOR OF SCIENCE

University of New South Wales, Sydney, Australia

University of Illinois, Champaign IL, USA

- ❖ Credit Average

CERTIFICATIONS

Microsoft 70-461: Querying SQL Server

- ❖ Score: 91/100

Algorithms (Coursera)

IKM Test: Microsoft .NET Framework 4.5 Programming using C#

- ❖ Score: 82/100 (Strong proficiency)

AWARDS

PwC Values and Recognition

- ❖ Awarded for quickly learning the Sencha Touch Framework and fixing critical Sencha bugs

TECHNOLOGIES

.NET	MS SQL Server
Java 7	Python, Powershell, Perl,
AWS Services	JavaScript (Angular, jQuery)

OPEN-SOURCE PROJECTS

- ❖ SumoLogic – Automated Application Logging
- ❖ Flyway – Automated database deployment
- ❖ DJI Drone SDK

LANGUAGES

English

- ❖ Native fluency

Chinese

- ❖ Professional fluency

Hindi

- ❖ Elementary fluency