

# 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