**VIJAY HAMAL**

**Address**: Meadowbank

NSW

**Email** : [hamal.vijay@gmail.com](mailto:hamal.vijay@gmail.com)

**LinkedIn**: [*https://www.linkedin.com/in/vijayhamal/*](https://www.linkedin.com/in/vijayhamal/)

***Website*** *:* [*https://hamalvijay.github.io/profile/*](https://hamalvijay.github.io/profile/)

**Mobile**: 0450 789 594

**PROFESSIONAL PROFILE**

I am an IT Professional currently working as an Application Developer and Database Administrator at Sonic Healthcare, one of the largest organizations in Australia. I am a self-learner and self-motivated person. I have strong technical and analytical skills along with knowledge of various application and programming packages. I have passion for creating end user interfaces and bringing life to data. I have been working creating professional web and desktop-based applications and work on my own free time to explore new updates and technologies. I look forward to applying the skills and expertise I gained at university, self-learning and professional experience.

**IT SKILL MATRIX**

|  |  |  |
| --- | --- | --- |
| ***Skill*** | ***Level*** | ***Last Used*** |
| **JAVA, PYTHON** | Excellent | Current |
| **SQL Server, MySQL, T-SQL** | **Excellent** | **Current** |
| **PHP, HTML, JavaScript, jQuery, CSS, AJAX, Bootstrap** | **Excellent** | **Current** |
| **PowerBI, Crystal Report, SharePoint, SSRS** | Intermediate | Current |
| **C++, VBA** | **Intermediate** | **2016** |
| **Networking** | Intermediate | 2015 |

**EDUCATION**

**Research** Sep 2019 – Ongoing

***Central Queensland University, Sydney***

*Data Analytics – ANALYSIS OF WEBSITE USAGE STATISTICS TO ASSESS ENGAGEMENT WITH AND EFFECTIVENESS OF A COMPUTER-TAILORED PHYSICAL ACTIVITY INTERVENTION IN A 3-GROUP RCT.*

**Masters of Information Technology** Nov 2015-Jul 2017

***Charles Sturt University, Sydney***

*Key Achievements*: Academic Excellence Award with High Distinction

*Area of Study*: Database Systems (RDBMS), SDLC, Web Development, Project Management, System Analysis, Interface Usability, Programming Languages (Python, JAVA), HTML and CSS, JavaScript

**PROFESSIONAL EXPERIENCE**

**Application Developer and DBA (~3 years)** Nov 2017-Current

***Sonic Healthcare***

***Macquarie Park, Sydney***

***Roles:***

Application Developer: - Desktop application : JAVA & PYTHON

- Full Stack Web Application: PHP, AJAX, JQUERY, JAVASCRIPT, HTML, CSS, BOOTSTRAP

SQL Developer & DBA: -SQL Server, MySQL, T-SQL, SSRS, SSMS, ETL, PowerBI, Crystal Report, Tableau, MS-EXCEL, Pivot Tables, Power Query, VBA

***Tasks:***

- Create end-user applications

- Manage data flow and storage

- Design SQL database with maximized data security and integrity

- Create real-time reporting and dashboard packages

- Create automated Visual Basic program

- Create SharePoint workflow (Nintex)

- Maintain and update company's internet and intranet sites

***Summary:***

- Review and interpret project specifications and technical designs, communicating enquiries to the application development and deployment team

- Write programming code to develop, maintain and update applications for internal use via various programming platforms

- Develop and implement functional improvements and maintain structure, security, workflows and forms on company's intranet

- Research, evaluate and determine resources for end-use application need, while developing applications

- Research and analyse existing software and applications used within the company, identifying deficiencies in the existing system and developing applications to resolve those deficiencies

- Develop and design SQL databases for applications and acting as T-SQL programmer

- Regularly update and maintain company websites

- Continuously test, debug and upgrade existing applications and program for better user experience and to meeting the organization’s needs

- Create end-user manuals, program documentation, operational documentation, change documentation and training documentation

**Lecturer and Administrative Officer (2 years)** Aug 2012-Feb 2013

***Little Buddha College of Health Science***

***Kathmandu, Nepal***

* Lectured 300+ students of diploma in pharmacy and bachelor in pharmacy courses
* Designed and developed digital data retrieval system for exam result processing using MS-EXCEL & Visual Basic Tool
* Instructed 300+ students in practical laboratory and supervised students during their projects regarding use of statistical and analytical tools
* Contributed to strategic planning for college administration

**OTHER EMPLOYMENT HISTORY**

**Customer Service Representative (2 years)** Nov 2015-Oct 2017

***Romeo’s Supa IGA***

***St Ives, Sydney***

* Maintained customer relationship with 1000+ customers each day.
* Ensured quality and integrity in products available daily
* Organised and managed stock is rotation every hour.

**KEY COMPETENCIES**

* Programming

Java, Python, C

* Database Skills

SQL (T-SQL, including query handling, data warehouse maintenance, database normalization, scripts and security, backup and recovery), Server maintenance, EXCEL and VB coding, MS-Access

* Web tools

HTML and CSS, PHP, JavaScript, jQuery, AJAX, Bootstrap, Flash, SharePoint

* Ability to work in a team

Worked within a team of three during a group project at University of Tasmania on E. coli virulence. Received High Distinction grade in the project.

**PROFESSIONAL DEVELOPMENT**

**Professional Year Program** Aug 2017-Jul 2018

***Performance Education, Sydney***

*Area of Study*: Australian Working Skills, Australian Business Culture, Achieving Career Success, Professional Business Communication

**PROFESSIONAL MEMBERSHIP**

**Australian Computer Society**

**REFEREES**

Available on request