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# SUMMARY AND ASSESSMENT

# I would like to join an organization where I can grow and develop my skill sets as a .Net Developer. I would also like to be part of a team where I can contribute to the delivering of software products and services to our clients.

# TECHNICAL SKILLS MATRIX

|  |  |
| --- | --- |
| C#, ASP.NET 3.5, 4.0 | 5+ years |
| PL/SQL, Microsoft SQL Server | 4+ years |
| Visual Studio 2015,2017 TFS, Tortoise SVN, Agile, Scrum | 4+ years |
| HTML, CSS, XML, VB.NET | 3+ years |
| JavaScript, jQuery, CProgramming | 3+ years |
| AJAX, LINQ, MVC, Web API, Knockout JS, Bootstrap, Angular JS | 2+ years |
| Entity Framework, REST, NuGet, Azure, .Net Core | 2+ years |
| XAML, Node.js, Git, PowerShell, TypeScript, Fiddler, IoC, Xamarin, Angular | 1+ year |
| ReactJS, Kubernetes, Docker, UmbracoCMS, RabbitMQ, TSR, Network Programming | 1- year |

**Educational Qualifications**

* **Certificate in Introduction to Docker,** Catalyst IT**,** Auckland **(**December 2017 – December 2017).
* **Certificate in Git Advanced,** Catalyst IT**,** Auckland **(**October 2017 – October 2017).
* **Certificate in Developing Windows Azure and WebServices**, ACE Computer Training Center, Auckland (March 2017 – March 2017).
* **Certificate in Developing ASP.NET MVC4 Web Applications,** ACE Computer Training Center, Auckland (Febuary 2016- Febuary 2016).
* **Diploma in Distributed Software Development**, AMES IT Academy, Auckland (August 2011-June 2012).
* **Master of Science in Computer Science**, Kansas State University, Manhattan (2002-2004).
* **Bachelor of Engineering in Computer Science and Engineering**, Karunya Institute of Technology, Coimbatore (1998-2002).
* **St Mary’s Junior College,** Hyderabad**,** Board of Intermediate Education (1996-1998).
* **St Patrick’s High School,** Secunderabad**,** Secondary School Certificate (1986-1996).

**IT Certifications**

* Certificate in SQL Server Implementation and Support.
* Certificate in Windows Software Development.
* Certificate in Web Software Development.

**LinkedIn:** [**https://www.linkedin.com/in/moses-nova-303a131b/**](https://www.linkedin.com/in/moses-nova-303a131b/)

**GitHub :** [**https://github.com/mosesnova**](https://github.com/mosesnova)

**BitBucket:** [**https://bitbucket.org/mosesnova/**](https://bitbucket.org/mosesnova/)

**Professional Experience**

# Software Developer

# *IDIOM Limited, Auckland (January 2016 – March 2018)*

# IDIOM Transaction Engine

# The IDIOM Transaction Engine is an application to manage complex Business Enitites. The IDIOM Transaction Engine is a recent IDIOM product that collates many new and existing IDIOM components in a common enterprise scale platform that can be used to quickly and cost effectively build transactional applications for a wide variety of complex business entities. During the implementation of Transaction Engine my role included working with IDIOM Forms Builder, IDIOM Forms Language, IDIOM Document Generator and IDIOM Decision Manager. The Whitepaper containing the core specifications can be obtained from www.idiomsoftware.com. Implementations include the Insure Online and Department of Communities and Social Inclusion for Southern Australia projects.

# *Technologies Used*: Microsoft SQL Server 2016, C#, ASP.NET Core 2.0, MVC6, LINQ, Azure, XML, Service Bus Queue, Secure Token Server, WebJobs, Blob Storage, PowerShell, Teamcity, Octopus.

# Transaction Engine Test Harness

# Generated Unit Test Cases to test the various functions of the IDIOM Transaction Engine. Wrote Test Cases to test the Document Generator, File Pass, Batch Jobs, Batch Transfer, Bring Ups and Admin Portal

# *Technologies Used*: Microsoft SQL Server 2016, C# ASP.NET MVC, LINQ.

# SetupDecisionModels

# The SetupDecisionModels tool is a console app built in c# used for bulk deployment of decision models. This tool loads dll’s from a specific directory connected to the svn repository. The list of decision models are specified inside a .txt file.

# *Technologies Used*: Microsoft Visual Studio 2017, WPF, C#, LINQ.

# XMLParser

# The XMLParser is a c# application to parse concessions.xml retrieving data from the xml nodes specified matching a search criteria.

# *Technologies Used*: C# ASP.NET MVC, LINQ.

# DashboardProject

# The dashboard project projects data from a sql database. XQuery is used to query the Transaction Engine database. AngularJS and jQuery are used to render the graphs.

# *Technologies Used*: C# ASP.NET MVC, Angular JS.

*Achievements:*

* + - Developed and Deployed web based solutions using C#, ASP.NET MVC, Web API LINQ, SQL Server 2016 and Azure
    - Scrum Methodology for Software Development.
    - Used JavaScript library Angular.
    - Functional and technical documentation.
    - Worked with IDIOM Forms Builder, IDIOM Forms Language, IDIOM Document Generator and IDIOM Decision Manager.

# *Bidvest, Auckland (December 2012 – December 2015)*

# Bidvest is a national wholesale food distributor made up of four divisions: Foodservice, Fresh, Logistics and Butchery. Together, all divisions provide the foodservice and hospitality industry with a complete range of food and non-food products. Linking the distribution of 20,000+ products to over 15,000 customers.

# *Bdirect Software*

# Bidvest Direct Software provides the most advanced and extensive online ordering tool and supply chain management system in the wholesale foodservice industry. It consists of two major components namely Shop and Admin used to enable customers to place orders.

# My role included bug fixing, adding feature requests and periodic deployment to pre prod and prod environments.

# *Technologies Used*: Microsoft Visual Studio 2012, Microsoft SQL Server 2008,VB.NET,C# ASP.NET MVC, LINQ, Knockout js, Kendo UI, JQuery.

# *National Promotions Software*

# National Promotions software is an advertising campaign or promotion run by the business where promoters are invited submit advertising / promotional requests.

# My role included development, bug fixing, adding feature requests and periodic deployment to pre prod and prod environments.

# *Technologies Used*: Microsoft Visual Studio 2012, Microsoft SQL Server 2008, C#, ASP.NET MVC, LINQ, Knockout js, JQuery, Bootstrap.

# *OPRI Software*

# OPRI allows you to register and publish your products online. You have the opportunity to enter detailed information about your product into a so called datasheet. Each product has its own datasheet and can be accessed via the product catalogue. Depending on the product type, you can add images, certificates and other documents that relate to your products. It is also possible to import product data from Excel spreadsheets and to export product information into Excel spreadsheets.

# My role included development, bug fixing, adding feature requests and deployment.

# *Technologies Used*: Microsoft Visual Studio 2012, Microsoft SQL Server 2008,

# C#, ASP.NET MVC, LINQ, Knockout js, JQuery, Bootstrap.

# *TfsReporter Software*

# Reporting project used to report data being retrieved from TfsDatabase(Team Foundation Server). It utilizes RESTful Web Services and Microsoft charting.

# I was solely responsible for the project.

# *Technologies Used*: Microsoft Visual Studio 2012, Microsoft SQL Server 2008,C#, ASP.NET MVC, LINQ, JQuery, Bootstrap, RESTful Web Services, Angular JS, Microsoft Charting.

*Achievements:*

* + - Developed and Deployed web based solutions using C#,ASP.NET MVC, Web API LINQ, SQL Server 2008 R2 and IIS
    - Scrum Methodology for Software Development.
    - Used 3rd party javascript library Knockout js(MVVM).
    - Used HTML5 and jQuery based widgets (KendoUI).
    - Functional and technical documentation
    - Mobile Application Development of BDirect Software.

# *Practiv Ltd, Auckland (July 2012 –December 2012) (contract)*

# *Stellar Freight Management Software*

# The Stellar Freight Management software is an ASP.NET MVC web based application, which helps in Freight Management. This Software retrieves emails from an Outlook based Email Client and displays it on an interactive UI. The UI used Knockout js and dojo toolkit.

# My role included bug fixing and adding feature requests.

# *Technologies Used:* Microsoft Visual Studio 2010, Microsoft SQL Server 2005, C# and ASP.NET, WCF, MVC, Windows Azure, Knockout js, Azure Web Role, Azure Worker Role and dojo toolkit.

# *Autotrader Software*

# Autotrader Software is an ASP.NET MVC web based application, which helps in Sale of Cars.My role was fixing bugs developing enhancements and troubleshooting the application at ACP Media. The url to the application is www.autotrader.co.nz.

# Technologies Used: Microsoft Visual Studio 2008, Microsoft SQL Server 2005, C# and ASP.NET, WCF, MVC.

*Achievements:*

* + - Developed web based solutions using C#,ASP.NET MVC, Web API LINQ and SQL Server 2008 R2
    - Used 3rd party Javascript library Knockout js(MVVM)
    - Functional and technical documentation

***Microsol Ltd , Auckland(Oct 2011 – July 2012)***

Microsol Intranet is an ASP.NET MVC web based application which helps in day to day functioning of creating statements of work, task system time sheeting and contact information. Worked on developing enhancements, fixing bugs and Refactoring code.

# *Technologies Used:* Microsoft Visual Studio 2010, Microsoft SQL Server 2008, C# and ASP.NET MVC, WCF, WPF

Metro Web is an ASP.Net web based application, which does online booking for advertising. My role was fixing bugs developing enhancements and troubleshooting the application as and when required.

*Technologies Used:* Microsoft Visual Studio 2010, Microsoft SQL Server 2008, C# and ASP.NET, WCF, WPF

*Achievements:*

* + - Installed SQL Server 2008 / Visual Studio 2010 and IIS7
    - Developed web based solutions using C#, Linq, WCF and SQL Server 2008R2
    - Integrated CSS style sheets
    - Functional and technical documentation

# *International Telematics, Auckland (June 2011- July 2011) (contract)*

# International Telematics specializes in the design and manufacture of Telematic solutions for companies with remote assets such as road vehicles (cars, trucks, vans, buses) and refrigerated containers.

# *International Telematics Project (June 2011 – July 2011)*

# Working with Nunit tool in seeding faults and Unit test case generation. This project involved the implementation of the get and set method. assert method that can be called on code access permission classes and on the permission set class. The DoAction ControlEvent notifies the installer to execute a custom action.

# *Technologies Used*: Microsoft Visual Studio 2010,C#, Beyond Compare, Tortoise SVN.

# *Achievements :*

# Implemented the NUnit Testing Tool.

# Implemented Test Cases using the NUnit testing Tool.

# Implemented Assert statements to check the code.

# 

# *Spitze Technology Group, Auckland (March 2010 - June 2011)*

# *Spitze Technology Group* is a business application system designer dedicated to providing comprehensive and innovative applications software development services, customized to meet out your business needs.

# *Victim Management System*

# This a Victim Management System used to manage Victim Information in the event of a mishap or hazardous communication with an offender. It houses Victim Agency, Assessment, Monitoring and referral Information. My role included project development.

# *Technologies Used:* Microsoft Visual Studio 2010, Microsoft SQL Server 2008, C# and ASP.NET

# *Achievements:*

# Implemented the Victim Management System.

# Implemented Test Cases to test CRUD operations

# Implemented Cascading Style Sheets.

# *Monitor Business Machines, Auckland (January 2010 - Febuary 2010) (contract)*

Monitor Business Machines Limited has developed a reputation for manufacturing high quality software based monitoring devices that form a family of products and services, which work together providing an integrated expense management solution

*Supervisor Web Administrator Project* ***(****January 2010-Febuary 2010)*

The supervisor web administrator project involves design and development of a web based interface in C# and ASP.Net. The project has a Login Page to verify the users login credentials and a Users Page to add, delete and modify user information retrieved from a business logic file inside a datagrid. During the duration of the project I worked with one other software developer.

*Technologies Used:* C#, ASP.NET, Microsoft SqlServer 2005.

# *Achievements:*

# Successfully Implemented the Supervisor Web Administrator Project.

# Implemented Test Cases to test CRUD features.

# 

# Software Developer

***Dept of Communications (Kansas State University), Mahattan, (January 2005 – January 2010)***

K-State Research and Extension is a short name for the Kansas Agricultural Experiment Station and Cooperative Extension Service.  It is a partnership between Kansas State University and federal, state, and county government, with offices in every Kansas County. K-State Research and Extension conducts research through Kansas that is then shared by Extension agents and others Mon Web sites, CMS and through numerous conferences, workshops, field days, publications and newsletters

**Project Management Experience**

*Geographic Information Systems Project*

This project involved the ArcGis Server in displaying the Map of Kansas. The module I worked on

involved adding interactivity to the state Map of Kansas enabling users to study the bandwidth

information across the state of Kansas. This project involved studying the functionality of the

ArcGis Server and its Communication with a Windows 2003 based Web Server. Displaying the

image cached on a Web Server and adding interactivity to it. This project is currently in

production and took 3 months to implement. I was the project manager and lead developer. I

worked with a Systems Engineer, Systems Administrator and two software developers.

Technologies Used: C#, ASP.NET and Oracle

*H323 Project*The module I worked on this project involved the embedding of a CAPTCHA control which helps in providing added security to online based Web Forms. The CAPTCHA control was developed in JavaScript. This project involves the storage of video conferencing user information from users all over the United States of America. This project is currently in production and took 2 months to implement. I was the lead software developer.

*Technologies Used:* JavaScript, C#, ASP.NET and Oracle

# *Achievements:*

# Successfully Implemented the H323 Project.

# Implemented Test Cases to test CRUD features.

# Implemented CAPTCHA control

*APO Database* Worked on the module of the Agency Purchase Order Database consists of the list of software, license keys of all the Software and Hardware Devices being used at IET. The application was developed in VC#.Net with Oracle10g as the backend database and ported into the IET portal. The project lasted for upto 2 months. I was the lead software developer. Enhanced the File Upload Utility using tools provided by SoftArtisans to up to 1GB. This project took 5 months to complete. I was the project manager and lead developer. Client Side Form Validation was performed in JavaScript.

*Technologies Used:* JavaScript, C#, ASP.NET and Oracle.*Achievements :*

* Successfully Implemented the APO Database Project
* Implemented Test Cases to test CRUD features.

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# Graduate Assistant

***Educational Communications Center Manhattan, (January 2003 – December 2004)***

This was a support role, 25% of the time involved installing software, diagnostics, troubleshooting and repairing PC/LAN systems which were TCP/IP based. 50% of the time involved programming and building interactive learning tools involving video and animation. The remainder of the time was spent in assisting the Broadcast and Distribution Team in telecasting the*Spanish via Satellite* TV program.

**Project Management Experience**

*IDEA CENTER Project*

This project involved design and development of individual modules in Macromedia Flash. The project includes 2-D animation and invocation of standard graphic library templates. It also has audio and video capabilities. Functionality of individual modules was enhanced by means of Action Script. This project took roughly 15 months to complete and is currently in production.

*Technologies Used*: Macromedia Flash MX, Action Script and Microsoft Windows.

# *Achievements :*

# Successfully Implemented the IDEA Center Project.

# Implemented Action Script based 2D and 3D animation.

# Implemented voice based animation.

**References**

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