

Nikul Vyas

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“Prefers Batman Over Superman in Scrum team.”

Professional Summary

Passionate, dedicated & responsible Information Technology Professional with good technical, analytical, problem solving, leadership skills and experience in **Web development** and **Data Analysis**.

Skilled and experienced in Agile/Waterfall development SDLCs and adaptive to work in any software development methodology; fluent in translating business requirements into technical solutions as well as visualizing the meaningful data into reporting tools.

Experience Summary

- 6+ Years of working experience in Microsoft Technologies such as VB.NET, ASP.NET MVC, C#.NET, SSMS/SSIS packages, PowerShell Scripting, Active Directory, SQL Queries & Stored Procedures.
- Experienced in web application development using ASP.NET MVC, ASP.NET Core, JavaScript, Vue.js, jQuery, Entity Framework, design patterns & dependency injections.
- Fluent on Reporting tools like SAP Crystal Reports, PowerBI & Tableau. Can work on streaming datasets too.
- Experienced in WinForms application development to meet the Business requirements in Healthcare, Textile Management, Inventory, Accounting & Finance etc. using VB.NET
- Windows Application development using End to end understanding and experience in ETL processes development and deployment.
- Extensive working experience in ETL development using Microsoft SQL Server Integration Services (SSIS) and deployment, Environment variable configuration in SSIS 2012 Server, developing database structure using SQL Server Management Studio (SSMS), writing optimal stored procedures & triggers for database tuning using SQL Profiler.
- University's Curricular projects on Python 3 (Natural Language Toolkit), Android Application Development (Java 8), Unity Game Project (C#.NET), Responsive Web Application (HTML5, CSS3, PHP, MySQL, jQuery & Bootstrap).
- Has performed code reviews, validation & verification, unit testing, smoke testing, paired programming with team mates.
- Experience and understanding of version control management (Azure Dev Ops, TFS, GIT Repos & Team Explorer) concepts such as branching, merging etc.
- Have worked under AGILE sprints using JIRA/Azure DevOps & Planning Poker with Scrum Team Agile SDLC methodology.

Detailed Experience

APR 2019 – NOV 2020

Developer | IAM Analyst / Chevron IT. (Contractor to Insight Global LLC), San Ramon, CA

- Migrating application access to **IAM portal(RSA)** for ease of **Identity Access** by developing **SQL/Azure SQL/ Oracle/ Active Directory** data collectors & **stored procedures/XML files** to AFX connectors for User accounts & Entitlements.
- Developing Web Application for **Active Directory** Group Review to manage application access using **ASP.Net MVC, JavaScript, jQuery, CSS3, Razor HTML, datatables.js**.
- Creating **PowerShell** scripts to load the data from active directory to perform the group review & allow group ownership/membership changes to **AD Group** attributes.
- Doing bug fixes, updating XML configuration files, creating **unit tests** for code coverage, cleaning & optimizing source code for **Chevron's Identity Management System (CIMS)**.
- Assisting to manage the project source files through **Git Flow** in **Azure DevOps & Visual Studio Team Explorer** for Code Reviews & Peer Programming tasks.
- Participating in **Daily Stand Ups, Sprint Planning, PI Planning, Sprint Retrospective**, Business Unit meetings to plan app migration & estimating **User Stories** in **Azure DevOps**.
- Development of **Identity Access Management** Reports using **PowerBI & Tableau** from **IAM Data Warehouse**.

MAY 2018 – AUG 18

Summer IT Intern / Tyson Foods Inc., Dakota City, NE

- Developing Web Applications using **JavaScript, Express.js, Node.js, Docker & Vue.js**. maintaining the project source files through **Git Repositories**.
- Designed & developed **IT project analysis** web application using **JavaScript (Vue.Js framework) & MongoDB (no SQL database)**.
- Assist in **SQL queries** and upgrade **Power BI** reports.
- Trained with **Agile SDLC** using **JIRA** and **planning poker** method for estimation in **Sprint Planning** in 4 bi-weekly sprints for a scrum team.
- Assisting the Production support team to push the implementation of application to general use.
- Creating the PowerBI reports using SQL Queries for IT project analysis application summary.

MAY 2016 – DEC 2016

Asst. IT Support Engineer / Mohit Industries Pvt. Ltd., Surat, GJ, India

- Design & develop payroll system using **VB.net, SQL Server & SAP Crystal Reports**.
- Developing Windows Payroll Application using Windows Presentation Foundation (**WPF**) & **VB.NET**
- Created automated check printing **WinForms** application for finance & accounting department of the organization.

- Optimizing old database using **stored procedures** and improving old report's accuracy of figures using **SQL Server Management Studio 2008**.
- Resolve **data conflicts** with accounting, sales/purchase, balance sheets, ledgers and real time gross settlement (RTGS) systems.
- Attain knowledge in manufacturing firm relations with banking system.
- Creating **Accounting, Financial, Sale & Purchase** reports from the master database using **SAP Crystal Reports**.

APR 2013 – DEC 2015

Software Development Engineer / Safe Technologies, Surat, GJ, India

- Develop a new ERP-CRM system for a Hospital Management System (HMS) using **VB.net, SQL Server 2012, SSIS, SQL Server Profiler, Stored Procedures & Triggers & SAP Crystal Reports**.
- Designed & Code the **WinForms** for master data, OPD Patients Billing, Micro Biology Lab interface, Stock & Inventory Management, Pharmacy Sale & Purchase using **VB.NET**
- Built a DiCOM Image Viewer for the X-ray files generated for patients in Radiology, CT Scan & MRI purpose using **RadiAnt DICOM API & Windows Presentation Foundation (WPF)**
- Developed an automated code blue text to speech central announcement system for the CPR emergency department using **Windows Communication Foundation (WCF)**.
- Designing daily, monthly and annual account reports, sale/purchase transactions reports, patient billing and auto charging reports using **SQL Triggers, Stored Procedures** and **Crystal Reports**.

Education

JAN 2017 – DEC 2018

M.S Computer Science / University of South Dakota (USD), Vermillion, SD

- GPA – 3.7/4.0 | Thesis: [Unstructured data retrieval & visualization](#) (using **Python NLTK**).
- College Projects & course work:
 - Building an Android app using Android Studio for a student organization.
 - Working on an RPG Game development & testing in Unity platform.
 - Designing & Developing a Web Responsive App using HTML5, CSS3, Angular.js , C#.
 - Creating a shell program to create a billing system for sales/purchase

OCT 2008 – SEP 2012

B.Tech Information Technology / Rajasthan Technical University-Kota, India

- Percentage – 69.8/100 | Major Project: Hotel's ERP Application Software
- College Projects:
 - Designing & Developing a ERP Billing System using VB.NET, SQL, Crystal Reports.
 - Creating DFDs & ER-Diagrams on IBM's Rational Rose in UML.
 - Performing Data Warehousing Analysis on Tanagra Tool.
 - Participating & Hosting Virtual gaming event during technical festivals.

Skills

- Front End: C#.NET(ASP.NET MVC), JavaScript, jQuery, HTML5, CSS3, Bootstrap, Vue.js, Go Lang, VB.NET
 - Back End: SQL Server, SSIS – ETL Data Processing, Microsoft Active Directory, Azure Active Directory, MySQL, MongoDB, MS Access
 - Frameworks: .NET 4.7/Core, Entity Framework, BootStrap, Vuetify, Blazor (Learning Currently)
 - Reporting & Other Tools: Tableau, SAP Crystal Reports, PowerBI, Azure DevOps, PowerShell, Docker
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References

- Mr. Joe Donato | IAM Applications Team Lead Manager, Chevron IT. | donato@chevron.com
- Ms. Sharadha Krishnan | IAM Applications Analyst, Chevron IT. - S3 Contractor | sharda.krish@outlook.com