Vinoth

513-1333 South Park Street, Halifax, NS B3J2K9
(902)210-9555 | mariavinothkumar.j@gmail.com
github.com/MariaVinoth | vinothjohn.azurewebsites.net

SUMMARY

- Excellent development skills and good knowledge in different methodologies, tools and processes contributing to the design and enhancements of software applications.
- Known for excellent troubleshooting skills – able to analyze code and engineer well-researched, cost-effective and responsive solutions.
- Expert knowledge in SQL and optimization of queries with capabilities to quickly learn new technologies and adapt.

TECHNICAL SKILLS

Languages: C# , ASP .Net MVC , .Net Core, Java, Python, PHP.

Tools/IDE: MS Visual Studio 2017, IntelliJ, Android Development Studio, PyCharm, Dapper, Entity Framework(Linq), GIT.

Databases: PostgreSQL, Microsoft SQL Server, MySQL, SQLite, SQL Server, DB2

Web-Technologies: HTML 5, CSS, JavaScript, jQuery, Rest and SOAP API, XPath.

Other Technologies: Azure Web API, Google Cloud Platform, Apache Spark, ETL, Elastic Search, Web-Scrapping.

EXPERIENCE

Covers Media Group   Halifax, NS

Software Developer   2018
Hours of coding: 600 hrs.

- Analysed business requirements for NHL sports data and performed development in a team environment.
- Developed Front-End and Back-End of the application in Model View Controller pattern in ASP .Net core using agile methodology.
- Designed Database tables, queries, parsed data from XML files and loaded into the database.
- Developed view builders for enhancing the performance based on caching the details of the game.
- Wrote maintainable and extensible code with frequent code reviews and refactoring following best software development practices.

TechMahindra Limited   Chennai, TamilNadu, India

Software Engineer   2014-2017
Hours of coding: 2898 hrs.

- Participated in user requirements meetings in order to transform client needs into proposed application designs.
- Designed and developed the application end to end using C# .Net in agile environment.
- Created AJAX based Web applications using Web APIs.
- Created Windows based applications using WPF for internal projects.

- Designed SQL tables, queries, created stored procedures and optimized codes for better performance with relational databases.
- Created requirement analysis, technical specification, test case handover, code optimization documents.
- Assisted the clients by identifying, analyzing and resolving software defects on time and been a point of contact with the end to end developement.
- Maintain product quality by carrying out reviews, performing continual unit and integration testing, analysing feedback, and managing software integration.

EDUCATION

Dalhousie University   Halifax, NS

Master of Applied Computer Science   2018

GPA:3.9

Loyola-ICAM College of Engineering and Technology   Chennai, TamilNadu, India

Bachelor of Engineering (Computer Science)   2014

CGPA:7.6

PROJECTS

NHL(National Hockey League) Data   2018

Developed Front-End and Back-End of the application which provides the statistical details of the NHL teams and players, assisting the customers in betting. Managed the code versions using GIT and frequently involved in code reviews and code refactoring for better quality and maintainability.

Next Generation of RBU West and GD1A   2015-2016

Developed Front and Back-End of the application which processes the incentives based on the invoices made by the dealers of automobiles. Used Entity Framework for relational mapping. Frequently interacted with customers and managers regarding requirements, defects and the progress. Optimized the backend logics enhancing the performance of the application.

ACADEMIC PROJECTS- Dalhousie University, Halifax, NS

Cloud Storage Explorer web application

Developed a web application, using HTML, CSS, JavaScript, jQuery, XML, C#, My-SQL and cloud storage Web APIs, where the application is aimed to locate the user files in different cloud storages. Source code repository – https://github.com/MariaVinoth/CloudStorageExplorer.git

Data Management and Data Mining Tools Exploration

Explored the technologies such as Elastic Search, Apache Spark, IBM Cognos Analytics tool and predicted the accuracy of Data Mining algorithms using Python and R.

Web scrapping

Created a service in Python which scraps a Bitcoin website to get the current details of the Bitcoin and rendered the results as JSON which is done to prepare Datasets to predict the value of Bitcoins. Source code repository – https://github.com/MariaVinoth/Webscrapping-Python.git

Productivity Application

Created a native Android productivity mobile application which consists of three main components Notes, Calendar, and To-Do in which I developed the Notes component, integrated all other components and tested. Source code repository – https://github.com/MariaVinoth/Noterr.git