**Ashok Ananthan**

**Email:** [kaashok1993@gmail.com](file:///C:\Users\ananash\AppData\Local\Microsoft\Windows\INetCache\Content.Outlook\T0XOJQJO\kaashok1993@gmail.com)

**Mobile:** +91-9740915142

**Career Objective:**

Looking for a challenging role in a reputable organization to utilize my technical and database skills for the growth of the organization as well as to enhance my knowledge about new and emerging technology.

**Profile Summary:**

* 5.10 years’ experience as Full Stack Developer and I’m an ambitious technology professional who finds pleasure in developing software and growing business using innovative thinking and tested techniques.
* Currently associate with **Acuity Knowledge Partners, Bangalore** as a **Delivery Lead**.
* Proficient in developing desktop and web applications using .Net and Angular technology.
* Superior knowledge of web API and services.
* Adept in end-to-end development of software products from requirement analysis to system study, designing, coding, testing, de-bugging, documentation and implementation.
* Sound understanding of object oriented programming and design.
* Good ability to develop advanced standards techniques and concepts.
* Interpersonal skills with abilities in resolving complex software issues.

**Skill Set:**

**Specialty:** Visual Basic for Applications (VBA) and Microsoft .NET (C#).

**Domain Specialty:** Financial services industry.

* **Languages:** C#, VBA (Excel, Word, PowerPoint, Access and Outlook).
* **.NET:** Windows form, Entity Framework, ASP.NET Web API, .NET Core 2.2.
* **Front End Web Development:** Angular, HTML5, Bootstrap 4 and CSS.
* **Client Side Scripting Languages:** Typescript and JavaScript.
* **Database:** MS-SQL SERVER 2008, MS Access and SQLite.
* **IIS Express.**
* **Browser Automation:** Selenium Web Driver.
* **Source Control System:** SVN and GitHub.
* **Operating Systems:** Windows.
* **Tools:** VS 2017 and Visual Studio Code.

**Experience:**

* Acuity Knowledge Partners as a Delivery Lead (July -15 to Present)

**Projects:**

* 1. **Monte Carlo Simulation and Hedge Optimization**

Core Engine can be used to analyses, quantify and visualize foreign exchange, interest rate and commodity price risk in portfolios, and further understand risk/return characteristics of a portfolio under different derivatives-based hedging strategies.

Data feeds from client-proprietary data sources or public data sources. Calibration algorithms to match stochastic models to the market. Multi-asset Monte Carlo simulation framework for FX, rates and commodities.

**Responsibilities:**

* Created core engine in .Net framework which contains code for business model using C#.
* Created Excel-DNA add-ins to access the C# class libraries from the VBA layer.
* Created user interface in VBA layer. Used XML as an input as well as output to the core engine.
* Provided production support for applications. Assisted users experiencing errors within these applications and resolved errors.
* Build, deployment and preparing application release artifacts documents.

**Team Size**: 1

**Technology**: C#, VBA and XML.

* 1. **Hedging Strategies Simplified**

Core Engine can be used to analyses, quantify and visualize foreign exchange, interest rate and further understand risk/return characteristics of a portfolio under different derivatives-based hedging strategies.

Also developing and supporting the Microsoft .Net application, which is Web API application for Tool. Web API is use to get, updates the data in the database, and connect with Core engine to get the foreign exchange, interest rate simulation and hedging risk.

**Responsibilities:**

* Created core engine in .Net API which contains code for business model using C#.
* Developed the web pages using Angular 6, Typescript, HTML5, Bootstrap 4 and CSS3 for styling the Web pages.
* Provided production support for applications. Assisted users experiencing errors within these applications and resolved errors.
* Build, deployment and preparing application release artifacts documents.

**Team Size**: 2

**Technology**: C#, XML, Typescript, Angular 6, CSS3, HTML5, Bootstrap 4 and .Net 4.5 Framework.

**Database**: MS SQL Server 2008 R2**.**

* 1. **Automated Data Reporting**

Automated Data Reporting is investment-reporting solution, powered by a dedicated data-governance platform; enables asset managers to publish reports while ensuring data accuracy, a quick turnaround time and cost efficiency. Automated Data Reporting provides an integrated framework, including a dedicated data-governance platform and a report production tool .Its data and report dashboards offer powerful workflow-management framework that can be used to schedule, control and monitor the data and reporting workflow.

**Responsibilities:**

* Created core engine in .Net Core API which contains code for business model using C#.
* Developed the web pages using Angular 6, Typescript, HTML5, Bootstrap 4 and CSS3 for styling the Web pages.
* Provided production support for applications. Assisted users experiencing errors within these applications and resolved errors.
* Build, deployment and preparing application release artifacts documents.

**Team Size**: 4

**Technology**: C#, XML, Typescript, Angular 6, CSS3, HTML5, Bootstrap 4 and .Net Core.

**Database**: MS SQL Server 2008 R2**.**

* 1. **Consultant Database (CDB)**

Consultant database (CDB) update solution that combines smart technologies and CDB specialisms to ensure minimal time is spent at the client’s end on timely, hassle-free and accurate CDB updates. CDB is a custom-built proprietary platform that helps automate the CDB update process, reduces turnaround time, increases efficiency and delivers significant cost savings.

**Responsibilities:**

* Designed user interface and dashboard in Windows form (C#) to ensure effective communication, track work flow and implement a process to ensure smooth flow of project activities
* Designed CDB reporting templates to accommodate client reporting preferences, data formats and data dissemination to meet specific consultant requirements.
* Data cleansed, validated, formatted, and calculated the business algorithm from various data source.
* Performed multi-layer data-quality checks to ensure error-free CDB updates.
* Designed and maintained the database.

**Team Size**: 2

**Technology**: Windows form in C# and Selenium web driver.

Database: MS SQL Server 2008 R2.

* 1. ***Factsheet Report Generator***

Automation to generate monthly report for funds in both PDF and word document. Automation creates data store for Returns, Volatility and Risk Free Rate etc. by analyzing Net Asset Value of funds. Prepare the performance report and generate the required chart showing graph analysis.

**Responsibilities:**

* Created user interface in excel VBA layer.
* Created field codes and keyword which uses to update the data in the word document.
* Data cleansed, validated, formatted, and calculated the business algorithm from various data source.
* Designed and maintained the MS Access database.

**Team Size**: 1

**Technology**: Excel and Word VBA.

**Database**: MS Access.

**Academic Qualifications:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Course** | **Name of Institution** | **University/Board** | **Percentage** | **Year** |
| B.E.CSE | P.R. ENGINEERING COLLEGE, VALLAM, THANJAVUR. | Anna university | 7.24(CGPA) | 2011-15 |
| H.S.C | MAXWELL MATRIC HR.SEC.SCHOOL,THAJAVUR | State Board | 71.166 | 2010-11 |
| S.S.L.C | ST.ANTONY’S HR.SEC.SCHOOL, THAJAVUR. | State Board | 77 | 2008-09 |

**Strengths:**

* Self-confident and Self-motivation.
* Willingness to learn and ability to be a good team player.
* Flexible and hard worker.

**Personal Details:**

**Date of Birth :** 21th July 1993

**Gender :** Male

**Nationality :** Indian

Languages : English, Tamil and Sourashtra.

**Declaration:**

I, hereby confirm that the information given above this is true to the best of my knowledge.

**Place**: Bangalore

**Date**: (**Ashok Ananthan**)