

Prashanth Babu Krishnamurthy

5808 Zephyr Road, McKinney, TX 75070

Ph -(469) 901 0224 Email- prachukpb@gmail.com

LinkedIn - <https://www.linkedin.com/in/prashanth-babu-krishnamurthy-34247a10a/>

Portfolio - www.webpbk.tech

Summary of Qualifications:

- **5+ years of experience** in designing and developing collaborative solutions using various Microsoft Technologies.
- Strong knowledge in Software Life Cycle process and development methodologies with strong expertise in building windows and web based solutions.
- Experiences in .Net Technologies include Object Oriented Languages (**C#**), **Database (SQL Server)**, **MVC, MVVM**, Server administrations (**IIS**) and other supporting technologies and tools.
- Worked on **.NET Entity Framework** to associate with databases for **CRUD** operations and **LINQ** to Entities, Lambda Expressions, and OO Design Patterns.
- Experience in Custom, Tabular, Matrix and distributed reports in multiple formats using Crystal Reports and **SQL Server Services (SSIS, SSRS)**.
- Very proficient in **HTML, CSS, JavaScript, JQuery, JSON, AJAX**, XML and other web tools.
- Experience in **Object Oriented Analysis and Design(OOAD)** techniques like **UML** using FlowCharts/Process Flows, Use Cases and Class, Sequence, Activity and State Transition diagrams
- Experienced and Knowledgeable in **Agile Software** Development, **Waterfall cycle**, Rapid Application Development (RAD) and Database & Test Driven Development (TDD) methodologies.
- Experience in developing Web Applications using **AJAX controls, Telerik Controls** and cross browser functionalities and **Web Services**.
- Experience in developing Internet Web Applications using Classic ASP (Active Server Pages).
- Experience in using TFS for project source control management.
- Experience in writing Stored Procedures, Functions, Views and Joins in **SQL Server 2005/2008/2019**.
- Strong .Net skills and object oriented design experience, including working knowledge of core **.Net libraries and design patterns**.
- Experience in **User Controls, Custom Controls, SOAP, Web Services, Validation Controls**, Authentications and authorizations.
- Experience in using Source Code Version Control Systems like **TFS (Team- Foundation Server) and Azure DevOps**.
- Experience in .NET technology using ASP.NET, **Web Forms, .NET core, Razor pages**.
- Experience in designing and implementing database-level **T-SQL**, Views, and **SQL Queries**.
- Experience in designing and developing **.NET core Web API, REST API** projects with **Postman** online **API testing** tool.
- Experience in **source control** with **Azure DevOps**.
- Experience in using **Bootstrap templates** for designing **websites and web applications**.
- Experience in **web hosting and maintenance** using **IIS** and **Azure App Services**.

- Experienced and Knowledgeable in **Angular, React, Vue JS**
- Experience in implementing **Biometrics** in Web applications.
- Experience in **freelance** application development projects.
- Worked and gained exposure in the field of **Big Data** and **Data scraping**.
- Experience in using the **Silk performer tool**.
- Experience in **data analysis and visualization** techniques with **R programming**.
- Experience in distance-ed classroom setups using high end projectors and **polycom devices**.
- Basic knowledge in designing and developing **IOS Applications**.
- Knowledge on Integrating Biometric devices/applications with .Net applications.

Education:

Master of Science in Computer Science - May 2017.

Texas A&M University - Commerce, Commerce, Texas.

Technical Skills:

Operating System	Windows 2000 /XP Home /XP Professional/8/10, 2008 Server, MacOS
Technologies	C#, ASP .NET, ASP .NET MVC 5/4, .NET Core 2.0/2.1/3.0, Web Forms,, Entity Framework, HTML, CSS, XML, JavaScript, jQuery, JSON, Angular, SQL, Azure DevOps, REST API, Bootstrap, Angular, React, Vue JS, Biometrics, Postman, FTP, Big Data
Database Technologies	SQL Server 2000/2005/2008/2019, M S Access, SQL and PL/SQL
Reporting Technologies	SQL Server Reporting Services
Distributed Technologies	.NET Remoting , REST, SOAP
Programming Languages	C, C++, C#, R, Swift
Web Technologies	XML, HTML, CSS, Java Script
Tools	Visual Studio 2010/2015/2018/2019, Adobe acrobat, Microsoft Report Builder, SQL Server Management Studio Express, Azure, X-code, Twilio, Send Grid, Dynamic Web Twain, MS Teams
Web Servers	IIS 5.0/6.0/7.0, Azure App Services
Scripting Languages	Java Script, Angular, React, Vue JS

Work Experience:

Software Developer - Contract

May 2018 to July 2020

IMCS Group Inc., Irving, Texas.

Client - Cinergy Entertainment Group Inc.

Project 1 : Cync (1.0 & 2.0)

Project Description: Cync is an Enterprise resource planning (ERP) application developed on ASP.NET framework that is being used by Cinergy for its business needs. The project is a large scale ASP.Net core

application with Bootstrap based Front end Framework and C# Back end. It is a three-tiered application (web, application and database server) with multiple levels of security between each tier. It is broken down into several subsystems:

- Plan Management
- API Services
- Home Office services
- Field Office services
- Database Maintenance

Project 2 : CyncV3

Project Description: The project is an upgraded version of Cync and is being developed on .NET core framework. This application is more functional with many modules and is being developed using the latest technologies. This project is a full functioning ERP that supports all the business needs of cinergy.

Responsibilities:

- Worked on **Software Development Life cycle (SDLC)** starting from Requirements gathering and performing objects oriented analysis, design and implementation
- The Product Report tool was designed and developed using **ASP.NET, .NET Core, HTML, CSS, JavaScript and SQL Server 2008/2018** as a database.
- Development of prototypes using various tools.
- Communicate with various third party vendors and develop **API services or FTP** to exchange data.
- Work with business units to get and understand SRS (Software Requirements specifications).
- Used **code first approach** and **Entity Framework 6.0** for Data Access Layer (**DAL**).
- Used **JQuery, AngularJS and vue JS** libraries as a part of client side development
- Implemented Reports Functionality using modules UI (**MVC**), Service (**Web API**) and **Entity Framework** for **Data**.
- Recommended and developed the services of the application using **ASP.NET MVC** and **ASP.NET Core Web API**.
- Designed **MVC design pattern** for **ASP.NET** application development using the **ASP.NET MVC framework**.
- Used **Team Foundation Server (TFS)** for Version Control, Team build, Project Management, Data Collection and Reporting.
- Used **Azure DevOps** for Version Control, Team build, Project Management, Data Collection and Reporting.
- **ADO.NET** was used to connect to the databases in a disconnected oriented architecture.
- Used Entity framework migration tools to access the database.
- Created event driven Web Forms using **ASP.NET** and implemented Form Validations.
- Worked in GridView Control throughout the application.
- Performed validations on Web Forms using **.NET Validation** Controls and also JavaScript
- Created and consumed Web Services using **C#, ASP**.
- Experienced in Developing and Enhancing Web forms, Master Pages, User Controls and Custom Controls by using **HTML, CSS, and Asp.Net Controls**.
- Implemented Server and Client side validations using **ASP.NET** validation controls and **JavaScript**.
- Established communication between different applications running on same/different platforms.
- Extensively involved in developing components for Business Layer and Data Layer.

- Developed Agile Software Development methodologies to enable efficient and effective high-quality software development.
- Generate business related reports using **SSRS** and Report builder.
- Worked on different aspects of **.NET framework like ASP.NET 4.0** and on middleware **ADO.NET**.
- Tools/Technologies..**Net Framework 4.0, C#.Net, Visual Studio 2012, ASP.NET 4.0, JavaScript, Entity Framework ,WCF, IIS, Enterprise Library, XML, SOAP, SQL Server 2012**

Environment: C, C++, C#, Asp.Net ,.Net Core, JavaScript, Typescript, HTML, CSS, SASS, XHTML, Ajax, XML, SOAP, JSON, Bootstrap, Web Services using SOAP & Restful, Spring boot Micro service, REST & SOAP web services, Cognizant Facets, GIT, SOAP UI, Postman, Visio, Windows, Visual Studio, SQL, SSMS, SSRS, Teamworks, TFS, Azure Devops

Software Developer

August 2017 to May 2018

Cinergy Entertainment Group Inc., Dallas, Texas.

Project 1 : Staff-Clock

Project Description: The project is about hourly clock-in and clock-out using biometrics. It encompasses the overall life cycle of hourly employee clock-in, clock-out, timesheets, employee management using biometrics. This project was developed on the ASP.NET framework and we used fingerprint scanners for the login access.

Responsibilities:

- Worked on **Software Development Life cycle (SDLC)** starting from Requirements gathering and performing objects oriented analysis, design and implementation
- The Project was designed and developed using **ASP.NET, .NET Core, HTML, CSS, JavaScript and SQL Server 2008/2018** as a database.
- Used **JQuery, AngularJS and vue JS** libraries as a part of client side development
- Recommended and developed the services of the application using **ASP.NET**.
- Created event driven Web Forms using **ASP.NET** and implemented Form Validations.
- Worked in GridView Control throughout the application.
- Performed validations on Web Forms using **.NET Validation** Controls and also JavaScript
- Created and consumed Web Services using **C#, ASP**.
- Experienced in Developing and Enhancing Web forms, Master Pages, User Controls and Custom Controls by using **HTML, CSS, and Asp.Net Controls**.
- Implemented Server and Client side validations using **ASP.NET** validation controls and **JavaScript**.

Graduate Assistant / Student Worker

October 2016 to May 2017

Center for IT Excellence, Texas A&M University, Commerce, Texas.

Responsibilities:

- Work with projectors and Polycom devices
- Support calls related to projectors, Polycom, PC and few other technical issues
- Generate/resolve/close tickets in the ticketing system
- Walk-in and resolve hardware/software related issues

- Setup distance education classrooms

Web Developer/Database Management

October 2013 to March 2015

Go software, Chennai, India.

Project Description: Design, develop and implement web sites. Data entry and database management tasks. Ms office related task.

Responsibilities:

- Worked and gained exposure in the field of **Web designing, ASP.NET, HTML, CSS and JS**
- Create **T-SQL** queries, **stored procedures** in **SSMS**
- Create documentation using **MS Office tools**
- **Data entry** using **MS Office** and **SQL** tools
- Data transfer between SQL database and MS Excel

Environment: Windows Xp Professional, Ms Office, Virtual Machines, Visual Studio, SSMS, Asp.Net, HTML, CSS, JS

Trainee Software Engineer

July 2013 to October 2013

Sciera Solutions Private Limited, Chennai, India.

Project Description: Integrate customer data with over 120,000 public and proprietary data sources to identify and generate, in real-time, actionable triggers and insights. This process strengthens marketing strategies, campaigns, and performance measurements. We work closely with our partners to enhance their data, resulting in added customer interest, higher conversion, and enhanced campaign measurement.

Responsibilities:

- Worked and gained exposure in the field of **Big Data** and **Data scraping**
- Executed programs to pull data from various websites using the **Silk performer tool**
- Worked using **virtual machines**
- Analyse **XML** and **JSON data**
- Create documentation using **MS Office tools**
- Use **Silk performer** for **data parsing**.
- Update spreadsheets based on the tasks accomplished.

Environment: Windows Xp Professional, Silk Performer, Ms Office, XML, JSON, RDC

Academic Projects:

Course Fit

(May 2017)

Designed and developed a web application that students can use to register for college courses with a unique feature where reviews about a professor can be viewed while registering for courses.

League of legends - Data Analysis.

(December 2016)

Presented a detailed report about data analysis and visualization technique on a data file that contains the data about millions of players from the League of legends game using R programming language.

**Hospitals near you - IOS Application
(July 2016)**

Designed and developed a IOS application that works as a search engine and displays a list of hospitals around Dallas, TX along with map and directions features.

**Bionic Touch Based Headphone Modality for Next Generation Information System
(April 2013)**

Designed and developed a bionic wireless headphone that uses low power that can be transmitted using the human body as a transmission medium.

Workshops & Seminars:

- Dot Net - February 2015
- Manual Software Testing - January 2014
- C and C++ Programming language – August 2011 to September 2011
- Diploma in Computer Hardware (DCH) – April 2007 to June 2007
- September 2012, Workshop on Robotics & Computer Applications – Technophilia