

Prashanth Babu Krishnamurthy

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Summary of Qualifications:

- **3+ 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**.

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- 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
Web Servers	IIS 5.0/6.0/7.0, Azure App Services
Scripting Languages	Java Script, Angular, React, Vue JS

Work Experience:

Software Developer/Contractor, May 2018 to July 2020.
IMCS Group Inc., Irving, Texas.

- Upgrade all older applications with better and newer programming languages
- Design User Interface and backend functionality based on the requirements
- Develop and maintain SQL database

- Perform data analysis

Software Developer, August 2017 to May 2018.

Cinergy Entertainment Group Inc., Dallas, Texas.

- Collect and document application requirements
- Design User Interface and backend functionality for application
- Develop and maintain database
- Perform data analysis
- Support Tickets

Graduate Assistant / Student Worker, October 2016 to May 2017

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

- 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

Software Intern, June 2014 to July 2014

Go Software, Chennai, Tamil Nadu, India.

- Created web applications and websites
- Designed web pages according to customer's requirements

Trainee Software Engineer, July 2013 to October 2013.

Sciera Solutions Private Limited, Chennai, India.

- Worked and gained exposure in the field of Big Data and Data scraping
- Executed programs to pull data from various websites
- Worked using the Silk performer tool
- Worked using virtual machines

Professional Projects:

CYNC - Staff Clock

Designed and developed a web application for the internal use of Cinergy Entertainment Group Inc.

The Staff clock is a clock in/out application that uses Biometric Fingerprint Authentication.

- Employees can clock in/out using their fingerprint
- Employees can view, email and print their timesheets
- Managers can view, edit and approve the timesheets
- Managers can block, notify and reset the login credentials on request
- More than 400 employees in four different locations use this application

CYNC - ERP

This is an internal ERP that consists of the following functions

- Job board - Create/edit job postings
- ATS (Applicant tracking system) - Track an applicants process from application till onboarding
- HR Metrics - HR department can access all the employee's info for their payroll, PTO, Insurance reports and more.
- Invoicing - Finance department can process all the Invoices from vendors from different locations.

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