

Objective:

Seeking Full time opportunity in the field of computer science directly related to my education, experience and technical skills.

Summary:

- A Software Developer with 4 years of work experience which includes developing and maintaining web and non-web applications, administering database, Requirement analysis, Front-End designing, Developing and Executing Test cases, Resolving incidents and Assisting end users.
 - Hands on experience in Application Development using C#, VB.NET, ASP.NET, SQL Server, ADO.NET.
 - Experience in design and development of Multi-Tier Distributed Client Server Architecture Systems.
 - Good exposure in Object Oriented Programming (OOPs) Concepts and Design Patterns.
 - Experience in developing User Interface using WPF and WinForms.
 - Proficient in various Web Technologies such as HTML5, CSS, Bootstrap, JavaScript.
 - Working experience on various JavaScript frameworks such as jQuery, Angular js, Knockout js, Pager js.
 - Experience in building SOA applications using .NET, JSON, Web-API, Web services, WCF, SOAP and REST.
 - Hands on experience with the Dependency Injection (IOC) following the best practices.
 - Solid understanding and hands-on experience of SQL Server 2005/2008, Oracle 10g/11g and experience with writing stored procedures, Triggers, User Defined Functions, Queries, Indexes, Views.
 - Experience in developing client-server architecture using TCP IP/UDP protocols.
 - Experience in writing Unit Test Cases using N-Unit.
 - Experience in using VSS, RTC (Rational Team Concert), SVN for version controlling.
 - Good experience with development methodologies like Agile (SCRUM), Waterfall and Test-driven development.
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Education:

University of South Florida, Tampa, Florida

Master of Science in Computer Science (GPA: 3.91)

May 2017

Relevant Course Work: Theory of Algorithms, Operating Systems, Advanced Databases, Computer Architecture, Project Management, Information Security and Privacy Distributed Systems, Computer Graphics.

Gayatri Vidya Parishad College of Engineering, Visakhapatnam, India

Bachelor of Technology, Electronics and Communication Engineering (Grade: 85%)

May 2014

Technical Skills:

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| ▪ Programming Languages | C, Java, C#, SQL, VB.NET, ADO.NET |
| ▪ Scripting Languages | JavaScript, JQuery, Angular js, Knockout js, Pager js, VB Script |
| ▪ Web Technologies | Bootstrap, HTML 5, ASP.NET, XML, JSP, Ajax,JSON, MVC, WebApi |
| ▪ Databases | Oracle 10g,11g, Microsoft SQL Server, PostgreSQL |
| ▪ Software Tools | Eclipse, Visual Studio 2013, Rational Team Concert (RTC), Tortoise SVN, N-Unit Runner, ScanTool Plus Software, Adobe DreamWaver. |
| ▪ Office Suite | Microsoft Office Suite (Excel, Word and PowerPoint) |
| ▪ Software Utilities | Putty, WinSCP |
| ▪ Other Technologies | Entity Framework, Webservices, SOAP, RESTful services, WCF, WPF, WinForms, Dependency Injection, N-Unit, Moq, Socket Programming, Multi-threading. |
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Professional Experience:

Web Developer , University of South Florida

Jan 2016-May 2017

Description: Developed User registration platforms namely Assisted Living Facility and Guardianship for exams conducted by Florida State Government. Both the applications allow users to register for exam, make payment, verify test schedule, request for certificates.

Roles and Responsibilities:

- Developed ASP.NET webforms with C# as backend code and designed UI with HTML5, javascript and jQuery controls.
- Designed and modelled relational database schema.
- Develop automated scripts using SQL server database to perform statistical analysis.
- Written stored procedures for retrieving or updating data using SQL Server 2008.
- Used triggers for sending an email to client after payment has been made.
- Designed and Developed WinForms using C# as a backend code.
- Developed application to score Florida Professional Guardian Examination answer sheet using ScanTool Plus software.
- Deployed application on production and test server.
- Developed Windows based Desktop application which will be used by admins to generate reports, certificates, labels etc using WinForms.
- **Environment:** C#, ASP.NET, SQL Server, WinForms, Visual Studio, Adobe DreamWaver

Application Developer (Telecom Domain) Tata Consultancy Services Limited, India**July 2014-July 2015**

Description: This is Single Page Web Application, which deals with data related to nodes in Ericsson Network. The node data file is parsed, validated, and added to COM (XML file). Ericsson Network site engineers use this application to access node properties and configure them as per requirements. These changes are validated and updated in the database accordingly.

Roles and Responsibilities:

- Developed MVC4 Single page web application and class libraries.
- Used N-Tier architecture for Presentation layer, Business layer and data access layer and were coded using C#.
- Utilized OOP Design Patterns to solve challenging business problems.
- Implemented a Finite State Machine methodology for Maintainability of code and improve performance of application.
- Utilized different Javascript frameworks to develop Single Page Application along with HTML5, CSS, Bootstrap.
- Developed N-Unit Test cases using Moq.
- Implemented on demand loading of data for the tree widget and reduced performance issue.
- Used Agile-Scrum Methodology and followed Test Driven Development Environment.
- Perform peer review to ensure code is consistent across application and identify areas of improvement.
- Followed best coding practices, which played a major role in creating a code that is highly readable, extensible and maintainable.
- **Environment:** C#, Javascript, JQuery, Knock out js, pager js, Bootstrap, Ajax, JSON, MVC 5, WebApi 2, RESTful services, HTML 5, N-Unit Testing, Entity Framework, Dependency Injection, Visual Studio 2013, N-Unit Runner, Moq, RTC, XML, Test Driven Development, Agile Methodology.

Support Executive (Telecom Domain) Tata Consultancy Services Limited, India**Aug2015-Dec2015****Roles and Responsibilities:**

- Involved in Production Support of Plwin, desktop based application.
- Resolved Production support issues, closed them on a day-day basis and assisted end users.
- Wrote several client side validation scripts.
- Maintained Middle server, Plwin home page and deployed the applications during new releases.
- Developed support scripts for the frequent issues.
- Performed minor enhancements and added a new functionality.
- **Environment:** C#, Javascript, WPF.

Student Assistant, GVP College of Engineering**June 2013 – May 2014****Roles and Responsibilities:**

- Teaching and managing labs for C Programming.
- Assisted in maintaining department websites which involves HTML, CSS and Javascript.
- Voluntarily taught students HTML, CSS, JavaScript, OOP's concepts.

Academic Projects:**Blood Bank Management System**

- Developed an interactive web application used by end users and administrators.
- Users can register, make a request, and the request will be managed using application.

- Initially developed application using JAVA, JSP and Oracle 11g later modified it using Hibernate and Struts.
- Written functional test cases and executed them thoroughly.
- Rich featured User Interface is designed using HTML, CSS and Javascript.
- **Technologies:** Java, JSP, Oracle 11g, Hibernate, Struts, HTML, CSS, Javascript.

Secure Peer to Peer Instant Messaging using C# Socket Programming

- Developed Instant desktop based chat application using WinForms with C# at back-end.
- Security is provided by encrypting and decrypting the messages using DES.
- Key management mechanism is also implemented to enhance the security of system.
- User Interface is designed using HTML5 and CSS.
- **Technologies:** C#, WinForms, HTML5, CSS, Socket Programming using TCP IP/UDP, Multi-Threading, Visual Studio.

Buffer Replacement in PostgreSQL

- Worked on one of the core modules of PostgreSQL source code - Buffer Manager.
- The existing clock buffer replacement policy was modified and re-implemented with Least Recently Used buffer replacement policy.

Implementation of Scale Join Algorithm

- Implemented scale join algorithm which joins the data streams efficiently. This is implemented using the concept of Multi-threading and dividing the stream in to finite parts.
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Awards and Achievements:

- Received On the Spot award for mocking of N-Units at TCS.
 - Received Appreciation note from Hungarian client for delivering code of fine quality by adhering to coding standards.
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