

## Sai Teja Bandamidi

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### Summary

- Around 3.5 Years of experience as a Software Engineer with Web development & increasing responsibility involving analysis, database design & development, implementation and troubleshooting of internet/intranet/client - server applications using ASP.NET, C#, ASP, XML, DTD, XSL, CSS and DevOps Processes.
- Proficient in C#, Knockout, React, and JavaScript for developing new functionalities in software projects.
- Experienced in utilizing configuration management systems, build processes, and debuggers for efficient software development.
- Actively participated in peer code reviews, providing valuable comments and suggestions to enhance code quality.
- Demonstrated strong problem-solving skills, offering reliable solutions to various technical challenges.
- Conducted technical root cause analysis and proposes corrective actions to address identified issues.
- Contributed to technical research on emerging technologies to stay updated with industry trends.
- Estimated level of effort accurately, evaluates alternative technologies, and suggests process improvements.
- Provided mentorship to junior software engineers, fostering their professional growth and development.
- Supported on-call duties as part of a rotating schedule to ensure 24/7 operational support.
- Proficient in writing and testing C#, SQL, JavaScript, Knockout, and React to enhance web-based applications and APIs.
- Demonstrated proficiency in developing moderately complex software in C# or Java.
- Mastery of relevant software engineering tools such as configuration management systems and debuggers.
- Worked on front-end/UI development, showcasing a keen interest in user interface design.
- Proficient in designing well-architected, maintainable software systems, incorporating design patterns and SOLID principles.
- Experience using Terraform for provisioning cloud infrastructure.
- Deep mastery of web technology and cloud architecture, emphasizing reliability, security, and performance.
- Expertise in JavaScript or TypeScript, with experience in modern frameworks for web development.
- Excellent analytical and communication skills with capability to handle new technologies.
- A self-starter, highly motivated, organized, and self-disciplined to organize time and work efficiently in a face-paced and exciting consulting environment.
- Expertise in skills Web development, HTML5, CSS3, XML, JSP, C, C++, Core Java, JavaScript, jQuery, C#, ASP.NET, Visual Studio.NET 2010, SQL Server 2008.

### Skills

<b>Microsoft Technologies:</b> .NET, ASP.NET, ADO.NET, ASP, ADO, COM, WPF, WCF, MSMQ, WWF, MOSS 2007, LINQ, Silverlight, InfoPath, MDX, Windows Server, WSE 3.0
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<b>Languages:</b> C, C++, COBOL, VB.NET, C#, Core Java, JavaScript, JSON, jQuery, CSS, HTML, DHTML
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<b>Frameworks:</b> J2EE, Spring, Hibernate, ASP.NET, RESTful APIs, AJAX, WCF
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<b>Database Technologies:</b> SQL Server (Stored Procedure, Triggers, User Defined Functions, Views), MS Access, T-SQL, PL/SQL, ODBC, SSIS, SSRS, SQL Server client management studio, DB2, ORACLE
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<b>Tools:</b> Unix, TOAD, Maven, Jira, Chai, Mocha, Jenkins, Docker, Graph QL, Kubernetes (Helm)
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<b>XML Technologies:</b> XML, XHTML, DHTML, XSL, XSLT, DOM, XPath, SOAP, WSDL, UDDI, Web Services, XML spy, Web Services, REST
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<b>Databases:</b> AWS, MySQL, MongoDB, PostgreSQL, Oracle, Cassandra
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**Operating Systems:** Windows, UNIX

**Development Tools:** Visual Studio.NET 2005/2008, Jenkins, Docker

**Modeling Tools:** UML, MS Visio, Rational Rose, Design Patterns, MVC

**Application Servers:** IIS

**Version Control Tools:** Git, Visual Source Safe (VSS), Team Foundation Server (TFS), Team Forge

## Experience

### Relevant Experience

#### Software Engineer

#### Comcast

*Pennsylvania, USA 06/2022 - Present*

- Involved in the entire SDLC of the project during. Engaged in requirement gathering from clients, design and development of architecture with and fellow developers, database design and development of the application.
- Led the entire software development life cycle (SDLC) from requirement gathering to design and development, ensuring alignment with client specifications and project timelines.
- Developed robust business logic using C#, JavaScript, XML, HTML, and ASP.NET, fostering the creation of high-performance web applications.
- Implemented RESTful web services using WCF, enhancing system interoperability and scalability.
- Utilized AJAX and JavaScript to create dynamic and interactive web interfaces, improving user experience and engagement.
- Proficiently managed data caching and session management, optimizing ASP.NET Pages throughput.
- Collaborated with database designers to develop efficient ER models and database designs, including stored procedures, functions, and views.
- Facilitated multiple application releases across various testing and production environments, ensuring seamless deployment and system stability.
- Provided essential support during system upgrades, including server and SQL server migrations.
- Conducted system testing, regression testing, and performance testing to ensure the reliability and efficiency of production URLs.
- Environment: .NET Framework, C#, WCF, XML, HTML, CSS, JavaScript, ASP.NET, Visual Studio, SQL Server, AJAX.

**Environment:** .NET Framework, C#, ADO.NET, WCF, XML, HTML, CSS, Java script, ASP.NET, Visual Studio, IIS 6, SQL server R2, Windows servers.

#### Trainee Engineer

#### Capgemini

*Hyderabad, India 09/2020 - 12/2021*

- Implemented Object-Oriented Programming (OOP) concepts of interfaces, inheritance, abstraction, and polymorphism.
- Designed and developed the Windows application which consisted of a WinForms GUI.
- Designed and developed Web-services using C#, ADO.net, and XML to handle online transactions with central database, which reduces the time, required performing data entry and generating reports.
- Written configuration settings in Web.config. Used ADO.NET to access SQL database.
- Developed various components used within the system such as an enhanced string and DB grid to allow printing and saving of data, business rules and specialized list components.
- Worked on ASP .NET State Management using Sessions and ASP .NET Caching features using Output Cache.
- Created T-SQL Stored Procedures, Functions, Triggers and views in SQL Server to interact with Verizon database.
- Used ADO.NET to Access the Data Layer and also data objects such as Data Adapter, Data Reader, Dataset, Data table, and XML Text Reader /Writer for consistent access to SQL data sources.

- Designing and Implementing Interfaces and Classes using Object Oriented Programming Structure and Design Patterns.
- Developed application using ASP.NET 3.5, C#, ADO.NET, AJAX, SQL Server 2005/200
- Worked on CSS and Implemented role-based security for the user groups.
- Involved in Data Modelling, Database Design on SQL Server 2005 and responsible for writing Complex Queries, Stored Procedures, User Defined Functions, Views and Triggers using T-SQL.
- Designing and Implementing Interfaces and Classes using Object Oriented Programming Structure and Design Patterns.
- Developed application using ASP.NET 3.5, C#, ADO.NET, AJAX, SQL Server 2005/2008.
- Using SSIS, building high performance data integration solutions, including extraction, transformation, and load (ETL) packages for data warehousing and Scheduling the SSIS packages and Jobs Liaised with project management and Development teams to identify and implement reporting Created ETL metadata reports using SSRS, reports include like execution times for the SSIS packages, failure reports with error description.
- Implemented Unit Testing, Integration Testing and System Testing using NUNIT.
- Maintained versions of source code using Team Foundation Server 2010

**Environment:** Visual Studio 2008/2005, ASP.NET 3.5/2.0, ADO.NET, VB.NET, C#, SQL Server 2005, XML, XSLT, JavaScript, IIS 6.0, NUNIT, SSRS, SSIS, SOAP, WCF, T-SQL, Windows Server 2003.

## Education

**Master of Science**

**Northern Arizona University**

*Flagstaff, AZ, USA 01/2022 - 05/2023*

Computer Science

**Bachelor Of Technology**

**Sri Indu College of Engineering and Technology**

*Hyderabad, India 06/2017 - 06/2021*

Electronics and Communications Engineering