SUPRAJA KATTA

**Software Developer|** +1 (317)666-0996**|**suprajachowdarykatta@gmail.com

I am an extremely motivated individual with nearly 2+ years of experience in the IT Industry. I am seeking a Software Developer position. I am skilled in C# and .Net. Demonstrates strong problem-solving skills and commitment to completing tasks efficiently and effectively, consistently meeting customer requirements and deadlines, and seeking a new challenging role to develop my skills further and drive success.

** PROJECTS
Software Developer Sep 2024- Present
Datics Inc, USA
Roles & Responsibilities**

* Responsible for coding and design using **C#, ASP.NET MVC, JavaScript, HTML5, CSS3**. Developed the application using **.Net Framework, .Net Core,** and **Visual Studio 2019/17**.
* Spearheaded the development of data-driven applications using .NET, C#, and SQL Server, focusing on high-performance solutions and efficient data processing.
* Played a key role in transitioning applications to cloud-based architecture, leveraging AWS services like Glue, Kinesis, and RDS to enhance data handling and storage capabilities.
* Developed modular and reusable components in .NET and .NET Core to streamline development efforts and maintain code consistency across projects.
* Implemented automated testing and continuous integration processes to reduce manual testing efforts and enhance deployment reliability.
* Conducted in-depth analysis of application performance and database queries, identifying bottlenecks and implementing improvements to reduce latency and increase throughput.
* Collaborated with cross-functional teams, including UI/UX designers and product managers, to align development efforts with business requirements and end-user needs.
* Delivered comprehensive training sessions and technical documentation to support ongoing maintenance and future feature development.

**Technologies:** C#, ASP.Net MVC, .Net, .Net Core, .Net Framework, JavaScript, SQL Server.

# Library Management System Jul 2023 – Oct 2023Research Intern Roles & Responsibilities

* This research project demonstrates the power and versatility of .NET in developing robust applications. Under the guidance of Professor Chunying, Zhao. I have gained valuable experience in software development, problem-solving, and leveraging advanced .NET features for practical use cases.
* identifying the key features and functionalities of the Library Management System, ensuring alignment with user needs.
* Developed core functionalities such as user registration, book search, issue and return processes, and fine calculation using **C#.**
* Built backend services for managing data operations and handling user requests using the **.NET Framework**
* Created and optimized a relational database scheme for managing book inventories, user records, and transactions using **MySQL.**
* Involved in the complete SDLC including Analysis, Design, Implementation, Testing, and Maintenance. Developed the project using Agile methodology with continuous integration and deployment in the SDLC process.
* I conducted code reviews and actively participated in project discussions and brainstorming under the guidance of the professor.

**Technologies:** C#, .Net framework,ASP.net MVC, MySQL, HTML, CSS.

# SOFTWARE DEVELOPER Aug 2020 – July 2022Experis IT PVT LTD, INDIAClient: IBMRoles & Responsibilities

* Designed website in ASP.NET MVC with a consistent site-wide page layout using Master Pages and their associated content pages.
* Intensive use of Cascading Style Sheets (**CSS**) and **XHTML** to design the look and feel of the web pages.
* Programmed **.NET** **framework** for communication between application and database, used Grid views, Data Set, Data Table, and Data Adapter extensively to render reports.
* Developed the data binding and Data Access with SQL using **.NET framework**.
* Developed Applications of ASP. NET using Server controls, HTML Controls, Data Grid, Data List and Validation controls.
* Developed **ASP.NET (ASPX**) modules to display back-end data on the web browser using **.NET framework**.
* Worked with ASP.NET Web Forms, Web Services, State Management, caching features, configuring optimization, and securing the web application.
* User Interface was developed using Event-driven Web Forms using ASP.NET that runs on **IIS 7.0** using Visual Studio 2008.
* Exclusively Used the AJAX Password Strength Control tool for implementing and maintaining the login controls in web applications.
* Used jQuery to make AJAX calls to the server using GET, POST and Parsed the **XML/JSON** response to get the required information from corresponding elements and attributes.
* Developed UI by using Asp.net like Master pages, and user controls.
* Worked with Team Foundation Source (TFS) control which stores all code, as well as a record of all changes and current check-outs in a SQL Server database.

**Technologies:** .Net framework 3.5, C#, .Net framework, ASP.Net, ASP.Net AJAX, AJAX, JavaScript, Web Services, CSS, XML, SQL Server.

* **Languages & Technologies –** ASP.Net, C#.

**SKILLS & COMPETENCIES**

* **Databases –** SQL**,** MySQL.
* **Web Technologies-** HTML, CSS, PHP, JavaScript.
* **Cloud Technologies-** Azure.
* **Frameworks and Tools -**.Net.
* **Soft Skills -** Communication skills, teamwork skills, positive relationships with team, critical thinking, adaptability.

**EDUCATION HISTORY**

# Western Illinois University, Macomb, IL, USA Aug 2022 – May 2024

Master’s in computer science

**Kakinada Institute of Engineering and Technology, Kakinada, India Jun 2015 – May 2019 Bachelor of Technology** | Computer Science and Engineering