

Deepthi Kundla

Full Stack .Net Developer

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PROFESSIONAL SUMMARY

.NET Developer with a solid **7 years** in building **robust Client/Server applications** and **web-based solutions**. Deep expertise in **.NET technologies**, including **C#** and **key Microsoft frameworks** such as **MVC 5** and **MVVM**, with a strong grasp of the **Software Development Life Cycle (SDLC)** and Agile practices. Skilled in **crafting and deploying** applications using **ASP.NET**, **Entity Framework**, **WCF**, **Web API**, and **cloud-based services** like **Azure**. Adept in working with messaging platforms such as **Kafka** and handling **data access** via **ADO.NET**, **LINQ**, and **SQL**. Proficient in version control tools like **VSS**, **TFS**, and **SVN**. Demonstrated ability in migrating legacy systems from Classic **ASP** to **ASP.NET**, designing **Single Page Applications (SPAs)**, and **creating dynamic, interactive web components** using **JavaScript**, **jQuery**, **XML**, and **AJAX**. Well-versed in creating detailed reports using **Crystal Reports** and **Visual Studio tools**, and experienced in **Silverlight** and **XAML** for **rich client-side applications**.

EDUCATION

Trine University, USA – *Masters of Science in Engineering Management* Dec 2024

Shri Vishnu engineering for women, INDIA – *Bachelors in Computer Science Engineering* Apr 2013

SKILLS

- **Programming Languages:** C, C#, VB.Net, T-SQL, PL-SQL
- **.Net Technologies:** ASP.NET 1.1/2.0/3.5, ADO.NET, LINQ, C#.NET, WCF Services, Webparts, WinForms, .Net Framework 1.1/2.0/3.0/3.5/4.0/4.6.2
- **Web Technologies:** HTML, DHTML, XML, XAML, CSS, AJAX, PHP, jQuery
- **Database:** SQL Server, MS Access, Oracle, MySQL
- **Servers:** IIS 5.0/6.0/7.0/7.5
- **Scripting:** JavaScript, UNIX Shell Scripting, Batch File, jQuery, Angular JS
- **Operating Systems:** Windows, UNIX GUI
- **Reporting Tools:** SSRS, Crystal Reports

WORK EXPERIENCE

CVS Health, USA – *Full Stack .net developer* Dec 2024 – Present

- Developed an **internal portal** for managing **AKI** and **heart failure** patients using **C#**, **ASP.NET MVC**, and **Entity Framework**, enabling real-time tracking of treatments and follow-ups, improving care coordination.
- Engineered **single-page applications (SPAs)** with **AngularJS**, **HTML**, **CSS**, **AJAX**, and **JavaScript** for mobile and desktop access to track patient metrics and schedules.
- Built **RESTful** and **WCF services** to integrate monitoring data, reducing manual entry errors by **25%**.
- Optimized **SQL Server 2019** queries and **stored procedures**, improving data retrieval speed by **35%** for follow-up and heart failure reports.
- Integrated **Azure Cloud PaaS** with **Machine Learning** for predictive analytics, reducing preventable readmissions by **10%**.
- Developed a **consultation tracking module** using **C#** and **SQL Server**, improving follow-up adherence by **15%**.
- Streamlined **follow-up systems** using **PL/SQL** and **T-SQL**, enhancing data processing by **20%**.
- Created an automated **discharge** and **follow-up monitoring tool**, improving outcomes by **12%** and reducing readmissions by **20%**.

- Designed and developed a **patient portal** using **C#.NET**, **ASP.NET MVC 5**, and **Entity Framework 6**, enabling real-time tracking of medications, follow-ups, and care from physicians for over **10,000 patients**, reducing **patient readmission rates** by **15%**.
- Built **RESTful web services** and **WCF services** to integrate patient data from **tele-tracking systems**, providing physicians with up-to-date information on follow-ups and reducing **manual entry errors** by **30%**.
- Integrated **Azure Cloud PaaS** to manage scheduled tasks and **data processing** related to patient readmissions, using **Azure Cognitive Services** and **Azure Machine Learning** for **predictive analytics** on **heart failure metrics**, reducing preventable readmissions by **12%**.
- **Optimized SQL Server 2019 queries, stored procedures, and triggers**, improving **data retrieval** times by **40%** for patient readmission reports and heart failure metrics dashboards, ensuring accurate and timely insights for critical care decisions.
- Developed a comprehensive **insurance claims processing module** using **C#, ASP.NET MVC**, and **SQL Server 2019**, enabling seamless integration with external insurance databases, reducing **claim rejection rates** by **20%** and expediting claims approval by **15%**.
- Used **SQL Server Reporting Services (SSRS)** to generate real-time reports, supporting data-driven decisions for AKI and heart failure care.
- Collaborated with clinical teams to implement **automated alerts** for abnormal vital signs, enhancing timely intervention and improving patient care.
- Optimized **patient data visualization dashboards**, making it easier for healthcare providers to identify trends and make quicker decisions for high-risk patients.
- Implemented robust **security measures** using **OAuth** and **HTTPS** protocols, ensuring HIPAA compliance and safeguarding sensitive patient information.
- Designed and built an **automated patient discharge and readmission monitoring tool** using **ASP.NET**, **LINQ**, and **SQL Server**, providing physicians with actionable insights on patients at risk of **heart failure**, leading to a **10% improvement in patient outcomes** and a **30% reduction in readmission rates**.
- Utilized **SQL Server Reporting Services (SSRS)** to generate detailed **reports** on heart failure patient outcomes, patient readmissions, and **insurance claim statuses**, enabling physicians and administrative staff to make **data-backed decisions** and enhance **patient care quality**.

- Designed and implemented **business logic** using **C#** and **VB.Net**, leveraging concepts such as **abstract classes, interfaces, and class structures**. Developed **web applications** with a rich, responsive UI using **ASP.NET MVC 5, HTML5, CSS3, AJAX, jQuery, JSON**, and **DHTML** for dynamic user experiences.
- Worked extensively with **Windows Azure**, utilizing **Worker Roles, Web Roles, Table Storage, Queue Storage, Service Bus**, and **Blob Storage**. Designed and implemented **subscriber/publisher models** for messaging and notifications using **Azure Push Services**.
- Employed **Entity Framework** and **LINQ** for efficient data manipulation, including **LINQ to Entities** in **ASP.NET**, and utilized **TypeScript** for building client-side **View Models**, ensuring robust, type-safe interactions.
- Developed and integrated **WCF services** for both **desktop** and **mobile applications**, as well as **RESTful services** using **Web API** that return serialized **JSON data** consumed by **AngularJS** services. Incorporated **Kafka** for real-time message streaming and event-driven architecture.
- Implemented **Agile** methodologies within a **Scrum environment**, utilizing **Test-Driven Development (TDD)** and **Git** for version control, ensuring continuous integration and deployment. Customized **RESTful Web Services**, managing **JSON** data packets between the **front-end** and **middle-tier** components.
- Designed and built dynamic front-end applications using **Classic ASP, ASP.NET, AJAX, User Controls, Custom Controls, Telerik**, and **Kendo UI** components, delivering modern, interactive web pages. Integrated **Kafka** for handling **real-time data processing**.
- Developed and maintained comprehensive **web services** and **web forms** using **C#.NET** and **.NET Framework 4.5**, ensuring smooth functionality across multiple platforms.
- Utilized **Microsoft Test Manager** within **Visual Studio** to support automated testing and maintain high code quality. Prepared and managed **ASP.NET user interfaces** with advanced **validation controls** for robust, secure applications.