Deva Harsha Kota
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CARRER PROFILE

I am a professional .Net Developer with two years of expertise in the complete SDLC, utilizing Agile Scrum methodologies. Proficient in ASP.NET Core, MVC Frameworks, and Angular 12, with a strong focus on creating optimized controllers, views, and RESTful services Proficient in MS SQL Server database design and development, including complex stored procedures and performance tuning. Well-versed in version control tools like Git and Subversion, and adept at working in Cloud environment, particularly AWS.

EDUCATION

Texas A&M Kingsville, Kingsville   **Jan 2022-May 2023**
Master of Science, Computer Science   *GPA-3.92/4.00*
JNTUA College of Engineering Pulivendula   **July 2017-May 2021**
Bachelor Of Technology, Mechanical Engineering   *GPA-3.8/4.00*

TECHNICAL SKILLSET

Programming languages: C, C++, C#, Java, Python
Web Technologies: JavaScript, Angular, HTML, CSS3, XML
Frameworks: ASP.NET Core, ASP.NET, MVC 5, Entity Framework, Web Forms, WCF, ADO.NET
Cloud Environments: AWS (EC2, Lambda, S3), Azure (Azure SQL, Blob Storage, Key Vault)
Tools: Visual Studio, Visual Studio Code, NetBeans, Postman, Swagger, Selenium, Android Studio, Docker, Kafka, Azure DevOps, Jira, Bitbucket
Databases: SQL Server, Azure SQL, Oracle DB, MSSQL, DB2, MySQL
Version Control Tools: GitHub, GitLab, Git
Data & Reporting: SQL Server Reporting Services (SSRS), Power BI, Performance Tuning, Query Optimization, Indexing Strategies
AI & ML: Linear regression, logistic regression, decision trees, random forests, k-means clustering, CNN and RNNs

WORK EXPERIENCE

.NET Full Stack Developer, Frontier IT Solutions, Sterling, VA   **May 2023 – Current**
- Active participant in daily Scrum meetings and Biweekly sprints, adeptly tracking tasks with Jira and Bitbucket.
- Proficiently developed an Internal Application on .Net Core 5, leveraging ASP .NET MVC, ASP .Net Web API, and Entity Framework 5. Demonstrated expertise in HTML, Angular, CSS, Bootstrap, jQuery, and AJAX for the presentation layer.
- Extensively utilized Angular 12, Angular Material, and CSS3 Flexbox layout for creating a responsive UI, including custom directives and services. Implemented Dependency Injection for AJAX calls.
- Developed and optimized Azure SQL Databases, implementing stored procedures and performance tuning.
- Integrated SQL Server Reporting Services (SSRS) and Power BI for data visualization and reporting.
- Provided operational support for database-driven applications, troubleshooting and resolving issues.
- Worked with Azure services, including Azure SQL, Blob Storage, and Key Vault, ensuring secure and scalable solutions.
- Implemented CI/CD pipelines with database migrations using Azure DevOps and Git.
- Engaged in performance tuning, query optimization, and indexing strategies to enhance application efficiency.

ACADEMIC PROJECTS

E-commerce Website: **March 2023**
- Product Management: Sellers can list products with images and prices; users can click to view detailed product descriptions and add items to their virtual cart.
- User Interaction: Implement user authentication, signup, and login; provide separate dashboards for sellers and users; enable buyers to select, review, and purchase products; integrate customer support and a feedback system for both products and sellers.

Newsletter Sign-up Web Application: **July 2022**
- Developed and deployed an ASP.NET web application facilitating newsletter sign-ups, following the MVC (Model-View-Controller) design pattern.
- Implemented robust data validation n on the main index view to ensure accurate user input.
- Created an administrator view using a view model to control data visibility and enable removal of sign-ups from the SQL database.

Sales Dashboard: **Feb 2022**
- Developed a dynamic web application for visualizing sales data using Python, HTML, CSS, and JavaScript.
- Expertly designed and implemented a robust MySQL database schema for efficient management of sales data.
- Implemented secure user authentication and comprehensive role-based access control for secure application usage.
- Developed report generation features using Python's ReportLab and Pandas for detailed PDF and Excel exports.