**VIKAS S Biradar**

  Bengaluru, India 560021 • +91 7019757651 • s.vikasbiradar@gmail.com

• linkedin.com/in/vikas-s-biradar

**Professional Summary**

Software Developer with 3 years of experience in building robust applications using ASP.NET, Web API, and C#. Demonstrates extensive knowledge of SQL Server and a strong understanding of object-oriented development, SDLC, and Agile methodologies. Proficient in ORM technologies like Entity Framework and UI frameworks such as Bootstrap, AngularJs, and Angular. Recognized for exceptional communication skills and a proactive approach, enabling effective management of multiple projects while adapting to evolving technologies and consistently delivering high-quality solutions.

**Skills**

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| * **Programming Languages**: C# (Object oriented programming), Python, C, C++ * **Frameworks**: ASP.NET (Web API), .NET, .NET Core, Angular, AngularJS * **Web Technologies**: HTML, CSS, JavaScript, jQuery, Bootstrap * **Web Hosting**: IIS Server | * **Database Management**: MS SQL Server, ADO.NET, Entity Framework * **API Development**: RESTful Services, ASP.NET MVC * **Tools & Version Control**: Azure, Git, Azure devops, Postman |

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**Experience**

Spektra Systems SDE-1 | Bengaluru, India 07/2021 - Current

* Architected and implemented a comprehensive business application following object-oriented programming (OOP) principles, utilizing Design Patterns such as Repository, Singleton, Factory, and Observer to ensure modular, maintainable, and scalable code.
* Developed a robust REST API service using C# and .NET Web API, designing efficient endpoints for data access and manipulation. Implemented stored procedures and functions to optimize database queries, ensuring a 20% faster response time by enhancing API performance and security.
* Collaborated in an Agile development environment, actively participating in all stages of the software design life cycle to deliver high-quality solutions that meet business and user requirements.
* Contributed to the development process by crafting highly efficient code and conducting rigorous testing, including root cause analysis of errors, implementing corrective measures, and evaluating the impact of solutions on system performance and stability.
* Successfully migrated existing web applications from AngularJS to Angular, improving application performance by 35%, ensuring full compatibility across platforms, and optimizing the user experience, resulting in a 20% increase in user retention post migration.
* Designed test plans and cases, identifying 100+ bugs, improving quality, and reducing post-release defects by 50%.

**Education**

Reva University | Bachelor of technology: Computer Science (CGPA: 8.6) 07/2021

[**Projec**t]: **Classification of Diabetic Retinopathy using Convolutional Neural Network**

During the final year of college, research was conducted on classifying diabetic retinopathy using a Convolutional Neural Network (CNN). The experimental results indicated that the CNN-based classifier successfully categorized retinal images into 5 distinct disease stages: No Diabetic Retinopathy, Mild Diabetic Retinopathy, Moderate Diabetic Retinopathy, Severe Diabetic Retinopathy, and Proliferative Diabetic Retinopathy, achieving an accuracy of 91%.

**Certifications**

* **Microsoft Azure Fundamentals (AZ-900)** Acquired foundational knowledge of cloud computing and Azure services.
* **Microsoft Azure AI Fundamentals (AI-900)** Enhanced understanding of machine learning, AI concepts, and related Azure services.
* **Angular Training** Completed training at Be Practical Tech Solutions, focusing on modern Angular development practices.