# RUSHITA PRIYA KOLLA
## .Net Developer

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## SUMMARY

- Detail-oriented and results-driven .NET Developer with over 6+ years of experience in designing, developing, and maintaining robust web applications and services.
- Proficient in a wide range of programming languages including C#, Python, and Java, with a strong foundation in web technologies such as HTML, CSS, JavaScript, and Angular.
- Demonstrated expertise in utilizing .NET Core, ASP.NET MVC, and ASP.NET Web API to create scalable and high-performance applications.
- Skilled in database management using MySQL, PostgreSQL, and SQL Server, with a deep understanding of LINQ, Entity Framework, and ADO.NET for efficient data manipulation and retrieval.
- Experienced in leveraging cloud technologies including AWS (EC2, S3, Lambda) and Azure to deploy and manage applications, ensuring seamless integration and scalability.
- Adept at employing development and testing tools such as NUnit, Mockito, and Dependency Injection to ensure code quality and reliability.
- Familiar with version control systems like Git and GitHub, and containerization using Docker.
- Strong understanding of software design patterns, microservices architecture, and various development methodologies including SDLC, Agile, and Waterfall.

## PROFESSIONAL EXPERIENCE

**Northern Arizona University, US**
**Graduate Teaching Support**                                                                              **Aug 2023 – May 2024**

- Elevated learning outcomes by orchestrating over 50 highly impactful tutoring sessions for 'Data Structure Foundations,' significantly improving student comprehension and performance.
- Enhanced programming standards by grading and providing feedback on more than 200 assignments, particularly in C and Python, ensuring students exceeded course expectations.
- Addressed over 100 student inquiries to clarify complex concepts and improve understanding, leading to higher overall student satisfaction and academic achievement.
- Fostered a supportive learning environment by consistently engaging with students and providing individualized support, contributing to a noticeable improvement in class performance and engagement.

**Infosys Limited**                                                                                                              **India**
**Specialist Programmer**                                                                               **Mar 2021 – Dec 2022**

- Boosted operational efficiency by 40% by leading the transformation of a critical enterprise-level application for a major American transportation and logistics company, significantly enhancing user satisfaction.
- Achieved 50% faster API response times by designing and implementing a scalable microservice architecture using C# 9.0, EF Core, .NET Core 3.1, and Kafka, greatly improving system efficiency.
- Enhanced integration and deployment speed by 30% by implementing and optimizing Azure cloud-ready microservices with Couchbase, SQL Server, and GraphQL, utilizing CI/CD pipelines.
- Improved frontend user experience by 35% by integrating Angular 8 with TypeScript to develop dynamic and responsive web interfaces, enhancing application usability.
- Increased system integration by 20% by orchestrating the development of ASP.Net Web APIs to expose microservices functionalities, improving overall interoperability.
- Streamlined project workflows by 25% by utilizing Git for optimized collaboration and code management within the development team, ensuring efficient version control.
- Enhanced system scalability by 30% by monitoring production systems using Kibana and production metric trackers, rectifying errors, and tracking performance metrics to ensure timely project delivery.

**Senior Systems Engineer**                                                                              **Jan 2020 - Mar 2021**

- Developed a robust platform by utilizing .NET Framework and ASP.NET MVC Core, integrating jQuery for streamlined client-side scripting and SSRS for real-time data capture, resulting in increase in data accuracy for the Financial Services & Global Delivery Dashboard initiative.
- Facilitated seamless communication between front-end and back-end systems by engineering RESTful APIs using .NET Framework and JSON, enhancing data exchange efficiency by 30% and enabling integration with third-party services.
- Enhanced user experience by improving user interface responsiveness and consistency through the incorporation of Bootstrap and jQuery, resulting in a 25% increase in user satisfaction across various devices and browsers.
- Boosted query performance by 15% and accelerated data loading processes by 25% by optimizing PL/SQL queries and developing efficient ETLs using SSIS, significantly improving data processing efficiency in the production environment.
- Ensured application scalability and security by deploying and managing applications on AWS, leveraging services such as EC2 and S3, which resulted in a 40% improvement in system availability and performance.
- Minimized defects and enhanced code stability by conducting rigorous unit testing using Mockito, ensuring high code quality and reliability, contributing to a 30% reduction in post-deployment issues.
- Streamlined project execution by utilizing GitHub for version control, maintaining codebase integrity, facilitating collaborative development, and implementing efficient SDLC practices, resulting in timely delivery of software updates and a 20% increase in team productivity.

**Systems Engineer**                                                                                           **Sep 2018 - Dec 2019**

- Enhanced operational efficiency by 30% by spearheading the creation of a Single Page Application using Angular 6, significantly improving user experience for senior delivery personnel and streamlining their workflow.
- Reduced data transfer latency by 20% by developing RESTful APIs with ASP.NET Core Web API, facilitating seamless and efficient communication between front-end and back-end systems, resulting in faster data processing.
- Improved code reusability and reduced development time by 15% by designing and developing modular, maintainable, and scalable web applications using ASP.NET MVC, enabling quicker updates and easier maintenance.
- Optimized query performance and enhanced application responsiveness by 25% by managing SQL databases and utilizing Entity Framework for efficient data access, ensuring quick and reliable data retrieval and storage.
- Increased team productivity by 20% by employing Git for version control, maintaining codebase integrity, enabling collaborative development, and streamlining deployment processes, which facilitated smoother project execution.
- Reduced system downtime by 30% by designing and implementing a microservices architecture, modularizing application components, improving system scalability, and allowing for independent deployment and maintenance of services.
- Decreased post-deployment defects by 25% by performing rigorous code reviews and unit testing using industry best practices, ensuring high code quality, reliability, and security, leading to more stable software releases.

**Trigent Software**                                                                                                          **India**
**.Net Developer**                                                                                            **Jun 2017 - Aug 2018**

- Enhanced application performance by 30% by designing, developing, and maintaining web applications using C#, .NET Core, and ASP.NET MVC, resulting in improved scalability and security for client projects.
- Increased system interoperability by 25% by creating and managing RESTful APIs with ASP.NET Web API, facilitating seamless data exchange between systems and enhancing overall performance
- Boosted user engagement by 20% by utilizing Bootstrap to develop responsive and visually appealing front-end interfaces, ensuring a consistent experience across various devices and browsers.
- Optimized data retrieval speed by 40% by managing and fine-tuning MySQL databases, implementing complex queries, stored procedures, and database triggers, thereby supporting robust application functionality.
- Improved deployment efficiency by 35% by designing and implementing a microservices architecture, modularizing application components, and enabling independent deployment and maintenance of services.

## TECHNICAL SKILLS

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| **Programming Languages:** | C#, Python, Java, SQL, C, C++ |
| **Web Technologies:** | HTML, CSS, JavaScript, REST API, JSON, XML, AJAX, Bootstrap, jQuery, Angular, .Net Core, ASP.NET Web API |
| **Frameworks:** | ASP.NET MVC, .Net Framework, Angular |
| **Database:** | MySQL, PostgreSQL, SQL Server |
| **Cloud Technologies:** | AWS (EC2, S3 bucket, lambda), Azure |
| **Data Technologies:** | LINQ, Entity Framework, ADO.NET, SSIS (SQL Server Integration Services), SSRS (SQL Server Reporting Services), ETL (Extract, Transform, Load) |
| **Testing & Development Tools:** | NUnit, Mockito, Dependency Injection |
| **Version Control Tool:** | Git, GitHub, Docker |
| **Software Design & Architecture:** | Design Patterns, Microservices |
| **Methodology:** | SDLC, Agile, Waterfall |
| **IDE's and Application Server:** | Visual Studio, IIS, Eclipse |
| **Operating Systems:** | Windows, Linux, MacOS |

## EDUCATION

**Northern Arizona University, USA**
**Master of Science (MS) in Computer Science**                                                    **Jan 2023 – May 2024**

**Andhra University, India**
**Bachelor's in Computer Science**                                                                     **Jun 2014 – Apr 2018**

## CERTIFICATIONS

- **Microsoft Certified: AZ-900**