**Akashappa Temburnikar (Akash)**

**.Net Full Stack Developer**

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**PROFESSIONAL SUMMARY:**

* Over **7+ years** of experience as a **Software Engineer** experience in **C# and .NET Technologies**, committed to staying up to date with the latest industry developments.
* Proficient in programming languages including **C#, Python, and JavaScript**, with a focus on writing clean, efficient, and maintainable code.
* Skilled in developing web applications using **ASP.NET, ASP.NET Core**, and related web technologies, with a deep understanding of back-end development.
* Experienced in designing, developing, and maintaining **Restful APIs using Web API** ensuring high performance, scalability, and security.
* Knowledgeable in database design and development using **SQL Server, Entity Framework, and LINQ**, with the ability to optimize database performance and ensure data integrity.
* Strong understanding of cloud technology, Microsoft Azure, I am highly proficient in utilizing a variety of Azure features such as **Web Apps, Key Vaults, Azure Cache for Redis, Service Bus, Web Jobs, Storage Accounts, Application Insights, and Kusto Query**.
* Solid grasp of **CI/CD Pipeline, PowerShell scripting, and Terraform**, enabling the creation of scalable and resilient cloud-based solutions.
* Experienced in using source control systems such as **Git** and TFS for code versioning and branching, ensuring efficient collaboration with other developers and stakeholders.
* Deep understanding of software architecture and **design principles**, with a focus on designing scalable and maintainable software solutions.
* Proven ability to successfully deliver projects on time and within budget while working collaboratively in cross-functional teams, using **agile development methodologies**.
* Demonstrated ability to solve complex problems and develop innovative solutions, with a strong passion for exploring new technologies and approaches.
* Dynamic and enthusiastic team player, eager to leverage skills and experience to make meaningful contributions to an innovative software development team.

**EDUCATION:**

* **University of Cincinnati – Cincinnati,OH** Aug 2019– Dec 2020

Master of Engineering in Computer Science

* **Jawaharlal Nehru Technological University– Hyderabad, India.** Oct 2012– Apr 2016

Bachelor of Technology in Computer Science and Engineering.

**CERTIFICATE:**

* Azure Fundamentals
* Azure Developer – Currently Pursuing

**PROJECTS:**

**My Portfolio (React Single Page App)**

* Developed my portfolio using react, used NPM packages to enrich UI, and deployed to GitHub.
* **Live Link**: [https://akashtemburnikar.github.io/Akash-MyPortfolio/](about:blank)

**TECHNICAL SKILLS:**

* **Programming Languages:** C#, Java, Python, SQL
* **Web Technologies:** HTML, CSS, JavaScript, jQuery, ReactJS with Redux
* **Frameworks and Libraries:** .NET Core, .NET Framework, MVC, ASP.NET Core Web API, Entity Framework, LINQ, NUnit
* **Databases:** MS SQL Server, MongoDB
* **Cloud Technologies**: Microsoft Azure Web Apps, Key Vaults, Azure Cache for Redis, Service Bus, Web Jobs, Storage Account, Application Insights, Kusto Query DevOps: CI/CD with Azure DevOps
* **Tools**: Azure DevOps, JIRA, Git, GitHub, Confluence, Visual Studio
* **Software Development Life Cycle:** SDLC Process
* **Scripting:** PowerShell
* **Testing:** SonarQube, Stryker for Mutation Testing.

**PROFESSIONAL EXPERIENCE:**

**General Motors Financial – Irving, Texas July 2021 – Present**

**Software Development Engineer**

**Responsibilities:**

* Developed .Net Core Web APIs as an integration layer between General Motors& International markets for the Shop Click Drive project which helps in a seamless digital experience for customers to finance/lease cars online.
* Improved Response time of APIs from 2 seconds to five milliseconds using Azure Cache for Redis.
* Implemented Azure Web Jobs to capture messages in Service bus Topics sent from external systems to save online leads into the database and logs into Azure Blob Storage which is utilized by Splunk for data visualization.
* Took the Initiative to learn Terraform and support infrastructure code to create Azure Resources like Key Vault, Storage Account, and Azure Cache for Redis.
* Strong understanding of software development principles, including SOLID principles, design patterns, and clean code practices**.**
* Implemented continuous integration and delivery using Azure DevOps, creating build and release pipelines with automated testing using NUnit and Stryker for Mutation Testing.
* Utilize PowerShell scripting for automation and deployment, ensuring consistency and reliability across development, staging, and production environments.
* Collaborate with cross-functional teams in agile development environments, utilizing JIRA, Git, GitHub, and Confluence for project management and version control.
* Implement and maintain quality code standards using SonarQube and conduct code reviews with team members.

**Environment**: C# and .NET Core, Entity Framework, SQL, Azure App Service, Key Vault, Storage Account, Application Insights, Service Bus, Azure Cache for Redis, Azure DevOps, Git, Visual Studio, Terraform, Yaml, Powershell, SonarQube, Stryker for Mutation Testing.

**Kalderos – Chicago, Illinois February 2021 –May 2021**

**Software Engineer**

**Responsibilities:**

* Responsible for implementing Python data transforms and validations to ingest valid data into data stores.
* Collaborated with data analysts to ensure data quality and accuracy, resulting in a 20% decrease in data errors.
* Conducted daily data quality checks and implemented automated processes to identify and resolve data issues, resulting in a 95% data accuracy rate.
* Ensured compliance with GDPR and other regulatory requirements, minimizing the risk of data breaches and penalties.
* Actively utilized SonarQube suggestions to optimize code quality and maintainability, resulting in a 25% increase in code efficiency.
* Successfully implemented and maintained an Azure DevOps CI/CD pipeline, resulting in a 40% reduction in deployment time.
* Automated testing and deployment processes, resulting in a 75% decrease in human error during deployment.

**Environment:** Python, SQL, Powershell, Azure DevOps, SonarQube, Powershell, Visual Studio Code

**Medpace Reference Laboratories – Cincinnati, Ohio June 2020 – January 2021**

**Software Engineer**

**Responsibilities:**

* Developed and maintained web applications using ASP.NET Web Forms framework.
* Utilized HTML, CSS, and JavaScript to create responsive and user-friendly UI designs.
* Utilized MS SQL Server for data storage and retrieval, implementing efficient query structures and maintaining data integrity.
* Performed unit testing and debugging to ensure code quality and minimize errors.
* Maintained documentation for all code changes and updates for easy reference.
* Utilized Agile methodologies to manage project timelines, including backlog grooming, sprint planning, and daily stand-ups.
* Conducted code reviews and mentored junior developers to ensure adherence to coding standards and best practices.
* Utilized Visual Studio for coding, debugging, and testing, and implemented SDLC processes for project development.

**Environment:** C# and ASP .NET Web Forms Framework, SQL, Azure DevOps, Git, Visual Studio.

**University of Cincinnati Information Technology – Cincinnati, Ohio October 2019 – May 2020**

**Software Development Engineer Test – Accessibility Tester**

**Responsibilities:**

* Conducted accessibility testing of university websites to ensure compliance with accessibility standards and guidelines such as WCAG 2.1, Section 508, ARIA, etc.
* Created test plans, test cases, and test scripts for accessibility testing.
* Collaborated with developers and designers to identify and fix accessibility issues.
* Reported accessibility issues and tracked them through to resolution. Communicating accessibility testing results to project stakeholders.

**Environment:** NVDA, and VoiceOver.

**ProcessMAP India Pvt. Ltd. – Hyderabad, India August 2016 – July 2019**

**Software Engineer**

**Responsibilities:**

* Developed **new features in EHS Software using .NET Framework technologies** ASP.NET Web Forms, Web Services, and SQL Server.
* Responsible for **Optimization of Dynamic Query in Stored Procedure** for product performance improvement.
* Improved a Classic ASP screen by migrating the front end to ReactJS and managed application state using Redux and back-end to ASP.NET WEB API to perform CRUD Operations that resulted in a 50% increase in usage by users.
* Continuously improved development processes and tools by identifying bottlenecks, inefficiencies, or areas for automation, and proposing and implementing solutions.
* Collaborated with cross-functional teams to gather requirements, develop solutions, and ensure delivery of high-quality code.
* Assisted in troubleshooting and debugging issues that arose in the development, test, or production environment.

**Environment:** C# and .NET Framework, SQL, JavaScript, React, JIRA, Git, Visual Studio