

SHRUTI HARDIA

Software Development Engineer

PROFESSIONAL SUMMARY

Software Development Engineer with over 9 years of experience in crafting and optimizing client/server applications using Microsoft technologies, including .NET Framework. Demonstrates a strong ability to modernize infrastructure and enhance deployment processes through expertise in AWS, Azure, and DevOps. Committed to implementing innovative solutions that drive operational efficiency and ensure robust security protocols, with a focus on fostering collaboration and achieving seamless integration across teams.

EMPLOYMENT HISTORY

SOFTWARE DEVELOPMENT ENGINEER

WEX Health Inc

Jun 2021 - Present
Schaumburg, IL

- ◆ Develop .NET Core apps, enhancing HR tools for client satisfaction and operational efficiency.
- ◆ Optimize AWS infrastructure, boosting deployment speed and reliability.
- ◆ Lead cloud-native app development with AWS services and Terraform.
- ◆ Collaborate with teams to resolve issues, ensuring smooth production support.
- ◆ Foster cross-team collaboration in DevOps practices, unifying development and operations workflows to achieve seamless deployment processes
- ◆ Drive infrastructure modernization through containerization, leveraging Docker and Kubernetes to enhance deployment flexibility and system stability
- ◆ Implement comprehensive security protocols for healthcare data protection, ensuring regulatory compliance while maintaining system accessibility
- ◆ Architect cloud-native applications using AWS services and Terraform, driving modernization through containerized solutions that enhance system resilience
- ◆ Spearhead infrastructure optimization initiatives leveraging Docker and Kubernetes, resulting in improved deployment flexibility and system stability
- ◆ Establish robust security protocols for healthcare data protection while maintaining seamless system accessibility and regulatory compliance
- ◆ Lead .NET Core application development, implementing CI/CD pipelines that enhance operational efficiency and reduce system downtime
- ◆ Streamline DevOps workflows through automated testing and deployment strategies, reducing production incidents and improving release consistency.
- ◆ Pioneer infrastructure modernization efforts, implementing cloud-native patterns that enhance system resilience and operational excellence.
- ◆ Proficient in Terraform, automating cloud resource provisioning and ensuring scalable, maintainable infrastructure.
- ◆ Hands-on experience with Angular, building dynamic, responsive, and high-performance user interfaces.
- ◆ Strong knowledge of GitHub Actions and Azure DevOps, automating build, test, and deployment pipelines for seamless software delivery.
- ◆ Partner with business analysts and QA teams to translate complex requirements into efficient technical solutions for payroll and HR applications
- ◆ Drive production support excellence through systematic issue resolution and proactive database optimization for enhanced platform performance
- ◆ Design and implement cloud-native solutions using AWS Lambda and API Gateway, modernizing healthcare platform architecture for enhanced scalability
- ◆ Experience in Kafka and event-driven design, enabling high-performance real-time data streaming and asynchronous processing.

.NET DEVELOPER

Benefit Express

Nov 2019 - Jun 2021
Schaumburg, IL

- ◆ Developed and maintained .NET apps, enhancing client support and platform efficiency.
- ◆ Implemented SSO using LDAP, improving security and user access.
- ◆ Configured IIS for hosting, ensuring stable application deployment.
- ◆ Optimized SQL queries, boosting data retrieval performance.
- ◆ Utilized GIT for version control, streamlining CI processes.
- ◆ Streamlined deployment processes through Git version control and CI tools, ensuring consistent application delivery while reducing deployment bottlenecks
- ◆ Orchestrated cross-functional development initiatives spanning front-end and back-end technologies, delivering seamless integration of multiple benefit platforms
- ◆ Engineered comprehensive security features including OAuth2 authorisation and form-based authentication, enhancing platform protection and user validation
- ◆ Architected robust microservices architecture for benefits platform, integrating RESTful APIs and implementing advanced caching mechanisms to enhance system performance
- ◆ Spearheaded migration from legacy systems to modern .NET Core framework, reducing system downtime and enhancing platform scalability
- ◆ Developed custom middleware solutions for real-time data synchronization between multiple benefit systems, streamlining cross-platform operations

.NET DEVELOPER

Antra

Apr 2016 - Nov 2019
Dulles, VA

- ◆ Developed .NET apps, improving client satisfaction and system reliability with measurable outcomes.
- ◆ Implemented SSO, enhancing user access and significantly strengthening data protection.
- ◆ Optimized SQL queries, boosting data retrieval efficiency and overall system performance.
- ◆ Led production support, swiftly resolving technical issues to ensure seamless operations.
- ◆ Configured IIS servers, guaranteeing reliable deployment and optimal application performance.
- ◆ Facilitated cross-team knowledge transfer by establishing best practices in .NET development, enhancing overall team productivity and code quality.
- ◆ Architected and implemented custom monitoring solutions for critical applications, reducing system downtime through proactive issue identification.
- ◆ Refined IIS server configurations and deployment processes, establishing reliable application hosting environments with enhanced stability.
- ◆ Engineered robust .NET solutions with integrated SSO authentication, elevating system security while streamlining user access across enterprise applications
- ◆ Spearheaded database performance initiatives through advanced SQL query optimization, delivering substantial improvements in data retrieval speed
- ◆ Implemented a comprehensive application monitoring framework, minimizing system downtime through early issue detection and rapid resolution

EDUCATION

MASTER OF SCIENCE IN COMPUTER SCIENCE

Bradley University

Aug 2014 - Dec 2014
Peoria, IL

BACHELOR OF ENGINEERING IN ELECTRONIC AND INSTRUMENTATION

DAVV University

Aug 2010 - May 2014
India

SKILLS

.NET Core, C#, AWS, MVC, Entity Framework, SQL Server, JavaScript, Angular, DevOps, Terraform, Azure, HTML, CSS, jQuery, Bootstrap, Git, IIS, REST API, Microservices, Lambda, Kafka.

CERTIFICATION

DEC 2023 - DEC 2026

AWS Certified Solutions Architect - Associate (SAA-C03)