

Summary

Senior Software Developer with 5+ years of experience designing and deploying enterprise solutions, including scalable RESTful APIs and microservices in C# and .NET. Proficient in Azure (APIM, Function Apps, SQL, Entra ID, T-Vaults) and AWS, with expertise in Docker, Kubernetes (EKS), and database design (SQL, DynamoDB, Redis). Skilled in CI/CD with GitHub Actions and experienced in agile environments. A collaborative team player with a growth mindset, passionate about problem-solving, mentoring, and driving modernization initiatives.

Technical Skills

Languages & API: C#, .Net, SQL, JavaScript, TypeScript, Python, Java, Spring Boot, React, Angular

Frameworks/Tools, API, Databases: .Net Core, Docker, Kubernetes (EKS), Terraform, Jenkins, AWS (S3, Lambda, DynamoDB, CloudWatch), GCP, Microsoft SQL Server, DynamoDB, Redis, Snowflake, Continuous Integration/Delivery (CI/CD), Git, Agile, Scrum, Sprint Planning, Functional, Integration, End-to-End Test Automation, JIRA, Confluence, Power Bi, Figma,

Work Experience

Software Engineer

August 2024 – Present

Newrez

Houston, TX

- Redesigned frontend architecture by implementing Angular services, pipes, caching strategies, and unit tests (spec.ts), significantly reducing redundant API calls and improving page load times and overall app performance.
- Upgraded Angular framework to the latest version, refactored legacy code, and enforced modern best practices, leading to improved maintainability, performance, and user experience.
- Integrated and built a dynamic marketing interface that rotates biweekly promotional content based on business input, driving 5,000+ user interactions and supporting agile marketing strategies within the app.
- Engineered backend features using C# and .NET, including stored procedures to manage customer escrow data from SSMS, enabling real-time retrieval and display of personalized loan information and documents to be viewed or downloaded
- Implemented one-time passcode (OTP) functionality to secure the password recovery process, enhancing account protection and user trust.
- Added masking logic to sensitive UI elements, preventing exposure of personal data during screen recordings, improving application privacy.
- Built redirection safeguards to ensure unauthorized users are rerouted away from protected areas, strengthening security and access control.
- Designed and automated CI/CD release pipelines in Azure DevOps to deploy new features, resolve bugs, and deliver timely production releases.
- Developed an Escrow Hub using the latest Angular v20.1 to implement the five integrated pages (Disbursements, Overview, Statements, Analysis, Accounts) which led to a 98% adoption rate among users with escrow loans, significantly enhancing UX and UI consistency.
- Implemented MVC architecture to separate responsibilities between marketing ads and information panels, enabling dynamic component swapping based on business needs, which improved app stability and allowed marketing content updates to be delivered 33% faster.
- Developed an Escrow Hub using the latest Angular v20.1 to implement the five integrated pages (Disbursements, Overview, Statements, Analysis, Accounts) which led to a 98% adoption rate among users with escrow loans, significantly enhancing UX and UI consistency.

Software Engineer

May 2020 – August 2024

Citibank

Houston, TX

- Improved the Citibank Mobile application by integrating a user portal that allows customers to view the history of devices associated with their account, enhancing user experience and bolstering account security.
- Leverage ASP.NET Identity and Azure Blob Storage to securely store session data, Implement multi-factor authentication (MFA) to enhance security.
- Designed and implemented a passwordless login solution using .NET Core, improving user login success rates by 20% and reducing password reset requests by 7%, contributing to enhanced security and smoother login workflows.
- Deployed a session management solution leveraging ASP.NET for securely storing customer sessions in local storage, optimizing performance by enabling faster upload and delete operations, significantly enhancing the overall user experience.
- Implemented RESTful API requests in .NET Core, enabling customers to manage and remove outdated devices from their accounts, improving account management functionality and ensuring a more user-friendly experience.
- Led cross-platform teams in Agile environments to coordinate deployment activities, manage code reviews, and ensure quality standards were met across the development lifecycle.
- Designed and deployed a centralized hub using .NET Core, emphasizing security protocols, which provided users with step-by-step instructions to manage and secure their accounts effectively, resulting in a significant improvement in account security metrics.
- Leveraged Splunk in combination with .NET logging frameworks to query and analyze operational data, extracting actionable insights that improved problem resolution and decision-making across systems.
- Refactored and developed login pages using React 19 and .NET technologies, ensuring compliance with modern design standards and providing an enhanced and secure user experience for both customers and employees.
- Implemented RESTful APIs within a microservices architecture in .NET Core, facilitating seamless communication between services and improving service isolation and fault tolerance.
- Collaborated with cross-functional teams to design and build microservices in .NET, ensuring optimal service scalability, reliability, and maintainability.
- Developed dynamic, responsive web applications using React.js, integrating with .NET Core APIs, which improved overall user experience and system performance.

Education

Texas Tech University
Bachelor of Science: Computer Science

Lubbock, TX
Dec. 2020