VINEETHA UNNAM
DOTNET DEVELOPER

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SUMMARY

- Full Stack .NET Developer with over 3 years of experience in building scalable web applications and microservices using C#, ASP.NET Core, Angular, and React.js, focused on enhancing application performance and reducing page load times.
- Specialized in cloud-native development on Azure, utilizing Azure Functions, Kubernetes, Event Hubs, and Cosmos DB to optimize data processing and improve real-time event-driven architectures.
- Proficient in automating CI/CD pipelines with Azure DevOps, implementing Terraform for infrastructure as code to reduce deployment errors and ensure seamless scalability across different environments.

EXPERIENCE

Walmart, Texas   **Nov 2023 – Present**
Full Stack .NET Developer

- optimized scalable ASP.NET Core and MVC applications using Angular and React, resulting in a 40% increase in speed of feature deployment while ensuring enhanced user experience across diverse platforms.
- Spearheaded the development of reusable UI components with Angular and React.js, enhancing user experience on web applications for over 10,000 daily active users while ensuring seamless cross-browser compatibility.
- Strengthened security by implementing OAuth 2.0, JWT authentication, and Azure Active Directory (AAD), ensuring SOC 2 compliance and reducing unauthorized access.
- Implemented Azure Event Hubs to enable an event-driven architecture, supporting real-time messaging and minimizing latency in high-volume event processing, reducing event processing time by 30%.
- Designed and optimized database structures in SQL Server and Cosmos DB, applying indexing and partitioning strategies to speed up data retrieval, improving query performance by 35%.
- Revamped legacy React.js components using Redux, which eliminated 40% of unnecessary re-renders and improved front-end performance, resulting in higher user satisfaction scores based on surveys.
- Streamlined deployment workflows with Azure DevOps CI/CD pipelines and GitHub Actions, automating the release process and reducing manual errors by 25%.
- Built Power BI dashboards to deliver real-time business insights, streamlining analytics processes and reducing reliance on manual reporting by 30%.
- Transformed a legacy monolithic .NET system to a modern containerized microservices architecture using Docker and Kubernetes, improving deployment flexibility and scalability by 20%.

Zensar Technologies, India   **May 2020 – Dec 2021**
Software Developer [.NET]

- Developed and improved React.js and Angular UI components, integrating Redux for state management, boosting frontend responsiveness by 20%.
- Orchestrated data pipelines through Azure Data Factory and Apache Airflow, slashing data processing time by 6 hours weekly and enabling faster report generation for the business stakeholders.
- Refined queries in SQL Server and Azure Synapse, utilizing PolyBase for batch data ingestion, optimizing large dataset processing and improving performance by 25%.
- Implemented Redis caching in backend APIs, boosting request-response performance by 30% and alleviating database load.
- Strengthened API security by applying role-based access control (RBAC), ensuring precise authorization and protecting sensitive data, enhancing security measures by 20%.
- Developed and maintained an event-driven messaging system using RabbitMQ and Azure Service Bus, facilitating smooth processing of high message volumes and increasing system efficiency by 15%.

SKILLS

- Methodologies: SDLC, Agile/Scrum, Waterfall, CI/CD, Microservices Architecture
- Languages: C#, PowerShell, SQL, JavaScript, TypeScript, Bash
- Frameworks/Libraries: ASP.NET Core, ASP.NET MVC, Angular, React, LINQ, Entity Framework, Dapper, SignalR
- Web Technologies: HTML5, CSS3, JavaScript, WebSockets, RESTful APIs, OAuth 2.0, JWT
- Cloud Platforms: Microsoft Azure (Azure Functions, Azure DevOps, Blob Storage, Event Hubs, Application Insights)
- Databases & Querying: SQL Server, PostgreSQL, MySQL, Cosmos DB, MongoDB
- Tools & DevOps: Git, GitHub, Jenkins, Terraform, Docker, Kubernetes, Grafana, Azure DevOps, ELK Stack
- Performance Optimization: Caching (Redis), Asynchronous Processing, Query Optimization, Indexing, Partitioning
- Monitoring & Debugging: Azure Application Insights, Log Analytics, Power BI
- Security & Compliance: SOC 2, Role-Based Access Control (RBAC), Identity & Access Management (IAM)

EDUCATION

Master of Science in Computer Information and Science   Jul 2023
New England College, NH
Bachelor of Technology in Computer Science   Jul 2021
TKR College of Engineering and Technology, Hyderabad, India