Tadepalli K

Technical Architect and Manager, 21+ years experience
Indore, India
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Dynamic and accomplished Technical Architect and Manager with over 21 years of experience in .NET development, cloud technologies, and enterprise architecture. Proven expertise in building, leading, and mentoring high performing teams, architecting scalable solutions, and delivering complex global projects on time and within budget. Adept at creating and nurturing cohesive teams from the ground up, fostering collaboration, innovation, and accountability. Strong focus on Agile methodologies, performance optimization, and continuous improvement to drive business impact and organizational growth. Built and scaled multiple cross-functional teams from inception to 100plus engineers, fostering a culture of collaboration and accountability. Reduced cloud infrastructure cost by 25 percentage through Azure optimization at Cendyn, AmpleLogic, and Advintek. Increased application performance by 40percentage through code refactoring and optimization initiatives. Delivered 5 large scale enterprise applications within 10 percentage of budget while ensuring 100 percentage on time delivery. Led and mentored diverse engineering teams, improving delivery efficiency and team productivity through structured coaching and process enhancement. Architected cloud-native and microservices based applications using .NET Core, Azure, and AWS to ensure scalability and high availability.

INDUSTRIES: Software and Platforms

TECHNICAL SKILLS

• C#	21 years
• .NET Framework	12 years
• Web API	10 years
• .NET Core	8 years
• Unit Testing	8 years
• Azure	5 years
• Security	3 years

SOFT SKILLS

Teamwork, Time management

PROJECT DETAILS

• Telecom Project

Project Description: This is developed for TelecomCompanies for Identifying the line of Connectivity between two points (two poles) and between two Switches.This project has 3 modules as below. Admin module : Used for Creating Switches and Poles of different Telecom companies Tenent based. Map Module: Used for Connectivity between Poles and Switches Telecomunication: Assigning appropriate connectivity for a specific Telecom Company

Responsibilities: Architected the project using various Azure services, including Event Hubs, to ensure seamless integration and data flow. Created and managed virtual machines and virtual storage devices in Azure for development, testing, and production environments. Collaborated with stakeholders for requirement gathering and defining product roadmaps and release plans. Provided technical guidance to the development team, ensuring adherence to architectural and coding standards. Oversaw team management, task allocation, and project progress to ensure timely and quality delivery. Led product planning activities, including prioritizing features, defining milestones, and aligning development goals with business objectives. Worked with Geo Data processing to support location-based telecom functionalities and analytics.

Technologies: AzureCloud,Asp.NetCore7,Webapi,Wcf,Microservices

Industry: Software and Platforms

• LowCode Internal Project

Project Description: Low Code Pharma Application which has multiple forms for creating Pharma based apps for multiple Pharma companies and it has internal built in tool of Account calculator which can be used to calculate the accounts for multiple branches of pharma company.

Responsibilities: Architected the project using various Azure services, including Event Hubs,Dockers,Kubernatives to ensure seamless integration and data flow. Developed and configured CI CD pipelines to automate build, test, and deployment processes, reducing release time and improving reliability. Implemented WasaTesting using OWASP guidelines to identify and mitigate potential security vulnerabilities. Designed and implemented enterprise applications using a low code platform, focusing on rapid development and minimal custom coding. Collaborated with business analysts and stakeholders to gather requirements and translate them into functional application components. Automated core business workflows, improving operational efficiency and reducing manual intervention. Integrated the application with REST APIs and existing data sources to ensure seamless data flow. Conducted testing, debugging, and deployment across environments, ensuring reliability and performance. Prepared comprehensive documentation and provided user training for application adoption. Supported post deployment enhancements and maintenance activities.

Technologies: AzureCloud, Asp.Net Core3 Webapi,Wcf,Microservices,Kubernatives,Dockers,ReactJs

Industry: Software and Platforms

EMPLOYMENT HISTORY

• Director,Technical Manager & Architect January-2023 - October-2025

Description: • Built and scaled multiple cross-functional teams from inception to 100+ engineers, fostering a culture of collaboration and accountability. • Reduced cloud infrastructure cost by 25% through Azure optimization at Cendyn, AmpleLogic, and Advintek. • Increased application performance by 40% through code refactoring and optimization initiatives. Delivered 5 large-scale enterprise applications within 10% of budget while ensuring 100% on-time delivery

EDUCATION

• Masters degree in CS from Osmania University, Hyderabad 2001 - 2003

LANGUAGES

• English - advanced

END OF DOCUMENT
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