

Amit Prasad

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**Professional Summary:**

Experienced Solution Architect with 18+ years delivering secure, scalable, and high-performance enterprise systems. Strong background in architecture governance, cloud-native engineering, and financial-grade application design. Proven ability to lead engineering decisions, influence stakeholders, and align technology solutions with business outcomes in highly regulated environments.

Architecture & Engineering Leadership:

- Represent architecture governance bodies and contribute to strengthening enterprise-wide engineering standards and practices.
- Drive continuous improvement in architecture governance, ensuring alignment with firmwide frameworks and compliance expectations.
- Lead evaluation of current and emerging technologies, recommending solutions aligned with long-term strategic architecture.
- Provide hands-on technical leadership and guidance to engineering teams, vendors, and stakeholders.
- Develop, review, and optimize secure, production-grade code ensuring performance, scalability, and reliability.
- Influence system design, application functionality, and operational processes across distributed systems.
- Serve as a subject matter expert in cloud-native architecture, microservices, and enterprise modernization.
- Advocate adoption of SDLC best practices, DevSecOps, and modern engineering tools across teams
- Influence peers and stakeholders to adopt innovative and leading-edge technologies.

Technical Expertise:

- Advanced in .NET (C#), Microservices, Distributed Systems.
- Cloud: Microsoft Azure, Kubernetes, Docker.
- DevOps: CI/CD, Infrastructure as Code, Azure DevOps.
- Data: SQL Server, Azure SQL, Data Engineering.
- Architecture: Domain-Driven Design, Event-Driven Systems.
- Security: Secure coding, identity management, cloud security practices.

Core Qualifications:

- 18+ years of hands-on experience in system design, development, and operational stability.
- Strong expertise in software architecture and technical decision-making.
- Ability to independently solve complex design and engineering challenges.
- Proven experience evaluating and implementing modern technologies for enterprise systems.

Certification:

- Microsoft Certified Professional – Microsoft Azure Architect Technologies (AZ-300)

CAREER PROFILE:

Solution Architect | Tata Consultancy Services | Dec 2010 – Current

- ✓ Led architectural and technical development efforts for the Enrollment HUB Management delivery for major Healthcare & Wellness provider in USA.
- ✓ Designed and implemented robust, scalable, cloud-ready applications, collaborating closely with developers, enterprise architects, security teams, and product managers to ensure high-quality technical outcomes.
- ✓ Hands-on experience in developing, optimizing, and maintaining enterprise-level applications, ensuring performance, scalability, and reliability aligned with business goals and cloud migration strategies.

Senior Software Developer | KMG Infotech Ltd | Feb 2010 – Dec 2010

- ✓ Involved in requirement analysis to gather business requirements of the client and prepare a write-up for the same.
- ✓ Responsible for major deliverables on build/staging server which were promoted to production server.
- ✓ Facilitated User Acceptance Testing (UAT), ensuring that all errors were tracked and reported to development and management teams.

Software Developer | smartData Enterprises Pvt Ltd | Dec 2006 – Feb 2010

- ✓ Implemented web service to make communication between UI and database for Mobile and other handheld device.
- ✓ Involved in requirement analysis to gather business requirements of the client and prepare a write-up for the same
- ✓ Responsible for preparing design/ approach documents and software estimations.
- ✓ Work closely with other software engineers, QA and Support groups to develop top quality products that solve actual business and technology problems.

Software Developer | Sql Star International Ltd | Jan 2006 – Nov 2006

- ✓ Development of web services for communicating with application logic running on different platform.
- ✓ Implementation of interfaces for consuming the web services.
- ✓ Development of Reports for BT management.