

Gokul Thiagarajan

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Solution Architecture | Technical Leadership | Digital Transformation

Experienced Solution Architect with 6+ years of experience in designing and delivering scalable, high-performance cloud solutions. Specialised in AWS, OCI, Azure with deep knowledge of microservices architecture and project leadership. Proven ability to architect cost efficient solutions that align with business goals and drive results.

A performance driven techno functional professional with a strong focus on technical leadership and strategy successfully propelling projects, turnarounds, and high-growth cycles; consistently delivering mission-critical results. **Currently acting as Lead Solution Architect**, managing multiple projects which involves **end-to-end technical project planning** and implementation from scope management, effort & cost estimation, risk analysis to quality management in line with guidelines and norms.

Expertise in building applications and API solutions by studying information needs, conferring with users, studying systems flow, data usage, and work processes. **Spearheaded teams** to envision and prioritize requirements, creating application implementation road maps and providing technology and architecture recommendations.

Proven Strengths in:

- **Problem Solving and Critical Thinking:** Expert in analysing complex business problem and designing effective, scalable solution to meet customer needs.
- **Systems Integration and Architecture Design:** Experienced in integrating diverse systems and designing robust, efficient architectures that enhance system performance and reliability.
- **Project Management and Leadership:** Proven track record in managing large scale projects, leading cross functional Teams and delivering projects on schedule and within budget.
- **Strong Communication:** Effective communicator with ability to engage stakeholders ensuring clear understanding and alignment on project goals and deliverables.

CERTIFICATIONS

- TOGAF Standard Practitioner and Foundation (10th Edition)
- AWS Solution Architect Associate, AWS Cloud Certified Practitioner, AWS AI Practitioner
- OCI AI Foundations Associate, OCI Data Foundations Associate, OCI Foundations Associate
- Azure AI Fundamentals, Azure Data Fundamentals
- PMI-CDBA – Citizen Developer Business Architect
- PMI-PMP – Project Management Professional
- PMI-ACP – Agile Certified Practitioner
- ITIL Strategist – Create Deliver and Support, ITIL Foundations v4
- Professional Scrum Product Owner, Professional Scrum Master
- Lean Six Sigma Black Belt
- Elastic Certified Analyst (Kibana Data Visualization and Advanced Analysis)

TECHNICAL SKILLS

- **Cloud:** OCI, AWS, Azure
- **Back End:** Node.js, Web API, Microservices, REST API's, Oracle SQL, C#, Python, CI/CD
- **Front End:** HTML5, CSS, JavaScript, jQuery, Bootstrap, ReactJs
- **Frameworks:** Git, ASP.NET MVC, .Net Core, Web API, Web Services, NUnit testing, MSTest

EMPLOYMENT

July 2024-Present| Abu Dhabi Commercial Bank | Solution Architect

- Spearheaded enterprise and solution architecture for 80+ business, infrastructure, security applications in the ADCB KSA new bank setup establishing a future ready, regulatory-aligned foundation.
- Designed and implemented a secure, scalable hybrid cloud landing zone integrating OCI Public and NourNet Private cloud to optimize workload and network segmentation.
- Defined and presented 30+ solution architectures across Architecture Forums and Board reviews, earning leadership buy-in for seamless integrations and long-term strategic alignment.

- Led the end-to-end design, implementation and project delivery of the Technology stack for 20 critical applications including Oracle Core Banking, Risk, Finance, Credit, Compliance, HR, Payments, Trade and Treasury.
- Directed full program lifecycle execution, aligning cross-functional teams in infrastructure, application, cybersecurity, testing, and operations, while managing stakeholder governance and reporting to executive leadership.

Mar 2022-Jun 2024| InnovazIT | Business Analyst (Solution Architect)

(Client: Abu Dhabi Commercial Bank - UAE)

- Led cross functional teams to successful project outcomes and managed end-to-end software development and delivery of enterprise level applications, maintaining focus on quality and excellence.
- Managed multifaceted projects involving BPM Workflow systems, FCUBS Core Banking, Oracle CRM, SAS AML CFT, Screening, ETL processes, TIBCO, IBM MQ, WebSphere middleware integrations, BRMS, ECB, BI, and PingID.
- Provided expert technical support and troubleshooting for complex system issues, ensuring minimal downtime and continuity of Business operations. Conducted multiple training sessions for internal stakeholders.
- Engineered a comprehensive overhaul of existing architecture and streamlined data load processing time by 500%. Diagnosed and resolved root causes of data load failures in collaboration with the technology team.
- Collaborated with stakeholders and conducted thorough impact and risk analysis across business processes, workflows, systems. Documented Business requirements, techno functional specifications for enhancements.

Jun 2021-Feb 2022| Apexon | Senior Software Developer

(Client: LSC Communications - USA)

- Developed features across the entire software stack, from frontend user interfaces to backend services, ensuring seamless integration and optimal performance.
- Led initiatives to design and implement complex software solutions, providing guidance to team members and mentoring junior developers. Followed practices like TDD, Pair programming, Code reviews.
- Spearheaded the creation of Continuous Integration/Continuous Deployment (CI/CD) pipelines using Azure DevOps, aimed at enhancing release and deployment processes.
- Conducted professional technical training sessions, facilitated software architecture meetings, and delivered comprehensive sessions on emerging technologies.

Jun 2018-Dec 2020| Aspire Systems | Senior Software Engineer

(Client: Jack Henry Associates - USA, M-Files - Finland)

- Converted existing legacy Monolithic application to microservices architecture using Azure, RabbitMQ, Kafka and utilized RESTful API, message brokers for interaction ensuring scalability, resilience, and flexibility.
- Successfully implemented OAuth 2.0 in web application for secure integration with Azure Active Directory and also led migration from ADAL to MSAL for existing applications.
- Implemented cross platform Chrome extension to extend user capabilities of product which resulted 20% enhanced user enrolment. Also integrated Spellchecker and Auto complete features using Microsoft API.
- Enhanced code coverage to 100% by using Test driven development and refactored logics to follow SOLID principles.

EDUCATION

- B.Tech. (Electronics & Communication) - Sastra University, India (2014 to 2018) - 8.5GPA – Department First

SIGNATURE STRENGTHS & COMPETENCIES

• Technical Leadership • Architecture Design • Stakeholder Management • Requirement Analysis • Cloud Solutions • Enterprise Architecture • Full Stack Development • Solution Architecture • Object Oriented Programming • Unit Testing • Continuous Integration/ Continuous Deployment (CI/CD) • Data Structures • ITIL Specialist • Agile Methodologies • System Management • Project Management • Scrum Master • Business Analysis • Version Control

INVOLVEMENT

Linkedin Top Voice – Solution Architecture

<https://www.linkedin.com/in/gokulthiagarajan/>

Stack Overflow Moderator

<https://stackoverflow.com/users/11623735/gokul-thiagarajan>

GitHub Open-Source Contributor

<https://github.com/gokulthiagarajan>