

# Gokulakrishnan Thiagarajan

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## Solution Architecture | Technical Project Management | Software Development

Innovative Solution Architect with over 6 years of experience in designing and implementing scalable, high-performance IT solutions. Expertise in AWS, Azure, Microservices architecture and project management.

**A performance driven techno functional professional**, successfully propelling projects, turnarounds, and high-growth cycles; consistently delivering mission-critical results. **Currently acting as Business Analyst**, 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. In-depth **understanding of complete SDLC life cycle** involving Sprint Planning, Requirement Refinement, Design and Development, Testing & Continuous Service Improvements.

### Proven Strengths in:

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

### SIGNATURE STRENGTHS & COMPETENCIES

- Technical Leadership • Architecture Design • Stakeholder Management • Requirement Analysis • Cloud Solutions
- Enterprise Architecture • Full Stack Development • Web Development and Web Design • Test Driven 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

### TECHNICAL SKILLS

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

### EMPLOYMENT

#### Mar 2022-Jun 2024 | InnovazIT | Business Analyst

(Client: Abu Dhabi Commercial Bank - UAE)

- Designed and presented innovative architecture solutions in Architecture Review Board and Service Oriented Architecture meetings earning positive feedback for seamless integrations and strategic alignment.
- 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, Fircosoft 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.

#### **Jan 2021-May 2021| Upwork | Senior Web Designer**

- Developed visually engaging user interfaces and website layouts using Figma and Balsamiq. Improved page response time by 60% by utilising caching, minification, bundling and asynchronous loading.
- Implemented responsive web design techniques and cross browser compatible solutions incorporating WCAG guidelines to ensure seamless user experiences across all devices.

#### **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% through unit tests and refactored core logic to follow SOLID, DRY principles.

#### **May 2017-Jul 2017| Indian Institute of Astrophysics | Research Fellow**

### EDUCATION

- Master of Business Administration - IU International University, Germany (2023 to 2024) (In Progress)
- B.Tech. (Electronics & Communication Engineering) - Sastra University, India (2014 to 2018) - 8.5GPA

### CERTIFICATION

- AWS Solution Architect Associate, AWS Cloud Certified Practitioner
- ITIL Strategist – Create Deliver and Support, ITIL Foundation
- Elastic Certified Data Analyst
- Lean Six Sigma Black Belt
- Professional Scrum Product Owner, Professional Scrum Master
- TOGAF – 10
- PMI-ACP – Agile Certified Practitioner
- Practitioner in Business Analysis

### INVOLVEMENT

#### **Stack Overflow Moderator**

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

#### **GitHub Open-Source Contributor**

<https://github.com/gokulthiagarajan>

#### **Quora Blogger**

<https://www.quora.com/profile/Gokul-Thiagarajan>