

Solutions Architect

A dynamic and business outcome driven IT professional with more than 18 plus years of experience working across various technology stacks and having spent time in the trenches architecting and solution design across diverse customers and SAAS verticals.



- Directed and Managed large mission critical end to end IT operations from cradle to the grave.
- Developed strategic IT plans and executed them with an eye on costs and optimized tech resources using the best fit architecture and design.
- Possess well-defined understanding of the business-technology interfaces and capacity to identify and align clients' emerging technology needs with products and services.
- Adept at architecting and developing s/w applications and have transformed many legacy applications into robust applications with optimum use of tech stacks and solution design.
- Have clear understanding of the business technology interfaces in solutioning and have used it effectively to solve customer requirements
- Conceptualized and collaborated on a product to create a SaaS based application suite with a microservices based architecture.
- Proficient in managing agile / hybrid technology driven software projects with a focus on cost optimization and tight resource constraints with an outcome driven customer mandate.
- Executed many complex assignments and led teams across diverse geographies with multiple stakeholders and delivered on the customer requirements to achieve high levels of goal congruence on digital initiatives.
- Exceptional analytical and problem-solving skills with a creative approach and skilled at working across multiple tech stacks and various project methodologies.
- Deep dive skills on the Azure cloud stack and implemented IaC alongside various cloud services such as Azure API Management (APIM), Azure Front Door, Azure App Service, Virtual Network (VNET), Azure Storage, Azure B2C, Application Insights, and Azure Monitor products.
- Have streamlined various processes and suggested many course corrections and setup up processes for seamless operational efficiencies which have optimized cost and resources.

Core Competencies

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| • Enterprise and Solution Architecture | • Solution Design and Architecture | • Web Application Development |
| • Product Mindset and Product Management approach | • Roadmaps | • Web/ Application Securities |
| • Technical Leadership | • Service-Oriented Architecture | • Requirement Gathering/ Analysis |
| • Technical Architecture | • Factory Automation | • Operational Excellence |
| • Design Thinking | • SaaS application development | • Team Building & Leadership |
| • Solutions Architecture | • Product Development | • DevOps |
| • Azure Cloud Architecture | • Software Development Lifecycle | • Focus on Business Outcomes |
| • Problem solving and Analytical Skills | • Cloud Technologies | • Analytics |
| | • Information Management | • Digital Transformation |

Technical Skills

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| • Technologies: Java Spring boot, PHP, NodeJS. | • Framework/ Architecture: CodeIgnitor, NestJS, Java Spring Boot, Micro-services, SOA, Serverless. |
| • Databases: MySQL, MSSQL, MariaDB, MongoDB, PostgreSQL, Cosmos DB. | • Tools: JMeter, Selenium, Terraform. |
| • Web Services: RESTful and SOAP | • Operating Systems: Windows, Linux |
| | • Security Tools: OWASP ZAP, Burp |

- **Monitoring Tool:** Azure Monitor.
- **Modeling Languages:** UML, BPMN.
- **Cloud:** Azure Cloud, Serverless, Azure App Services, Azure Storage, Azure App Functions, Azure Front Door, Azure CDN, Azure API Management, Azure B2C, KeyCloak IAM.
- **Certifications:** Microsoft Certification: Azure fundamental
- **Domain Skills:** HRMS, Finance, Retail.

Professional Experience

TopSource Worldwide

Solutions Architect, Head of Product Development

Pune, India

Apr 2008 - Present

Notable Achievements:

- Awarded: Innovation award for Mobile App Development.

Key Deliverables:

- Led teams towards design and architecting enterprise grade applications focused on delighting the customer and aligned towards business goals.
- Gathered requirements for the products and services and ensured that they are aligned with the digital strategy of the organization.
- Designed highly scalable and secure SaaS components as a part of the platform initiative that were tailored for specific customer goals in account performance, scalability and security as key attributes.
- Developed and led teams to create many mobile based products and solutions with a platform approach on the SaaS application suite.
- Provided a high level of tech leadership and mentored dev teams to achieve their respective product goals.
- Managed large IT projects with enterprise-wide scope with resources spread across geos and managed and led in a leadership capacity across the lifecycle of the digital initiatives.
- Handled stakeholder expectations across the lifecycle and delivered product and services as per strict adherence to budget and timelines from the customer and business stakeholder.
- Led design and architecture initiatives by guiding and mentoring solution architects, product owners, team leads and teams by reviewing their artifacts from concepts to cash and ensured alignment to business needs and product scope.
- Collaborated with cross functional teams comprising business, functional analyst, dev team to adhere to complex requirements from the client to avoid gaps.
- Led architecture, design, integration reviews and challenges and ironed out such issues to create robust solutions aligned with the business needs.
- Implemented architectural improvements and came up with frameworks level changes using SaaS , Cloud and OO best practices.
- Worked closely with management, product owners and functional teams to avoid gaps in translating strategies into tangible products and solutions that are innovative and market winning.
- Led knowledge Management (KM) activities across the product suite and this helped leverage organization knowledge base effectively.
- Taking additional responsibility to lead QA teams for high levels of quality assurance and involving in day to day mentoring and training activities for the teams prevent issues in production and achieve high traction with the business stakeholders.
- Involved creating QA strategy by aligning closely with the business / customer teams and leveraging development teams to translate them into application with superior customer experience.
- Inculcated the product and design thinking mindset in teams with a focus on innovation and go to market strategy instead of traditional agile user stories-based and a task-based approach.
- Avoided disconnect between QA and Dev teams by involving QA Team early on the lifecycle and creating a collaborative development approach which would preempt any gaps. This helped avoid project unknowns and minimize bugs by enhancing the product hygiene.

Technical Assignment:

Portico Application Suite: It is a HRMS application suite with various modules like Leave management, Attendance, timesheet, compensation and benefits etc. I am independently involved in design , architecture and coding for some of the modules from scratch. Used language Java spring boot, PHP with database MySQL. Also involved in creating architecture to host applications on the cloud environment. Design and architecting mobile apps for android and iOS. This app is used by clients to view their payslips, apply for leaves and view and punch their attendance from mobile apps.

Employee of record Suite: It is an application to be used by global clients to view their payslips and claim expenses. I was involved in creating the design and cloud architecture of the solution. We used Azure App services, front door, CDN, storage to host static angular application, postgresSQL, VNET, API Management , Swagger and Azure B2C.

Employee onboarding: It is an application to be used for New hiring process. This is mainly used by the HR / Talent department to enroll new candidates and release offers, pre boarding and onboarding. I was involved in designing and creating the cloud architecture for the application. also involved in creating the DevOps pipelines. We used Azure function app, cosmos db, front door, CDN , API Management and Keycloak open-source IAM.

Process Automation Internal applications: Experienced in developing and implementing over 100+ internal automation applications to optimize workflows and eliminate repetitive tasks. Proven ability to streamline processes, enhance operational efficiency, and save significant man-hours, ensuring timely and accurate task completion. Skilled in driving digital transformation initiatives to support business growth and efficiency.

Previous Assignment

Senior Software Engineer - Image Point Technologies, Pune, India Mar 2005 - Mar 2008

Technical Assignment:

SMS Manager pro: Independently worked on the product. Involved in the research and development to create an OCX component using the Nokia mobile SDK. Instead of purchasing the third party solution, build our own library that was scalable.

Multilingual Library: Independently worked to build a library for one of the products. This library converts text or phrases from english to local language.

Education

- M.Sc. - Computer Science, Barkatullah University, Bhopal, India 2002
- B.Sc. - Computer Science, Barkatullah University, Bhopal, India 2000

Trainings/ Certifications

- Diploma in Advanced Computing, CDAC, Pune 2004
- Microsoft Certification: Azure fundamental 2023
- Certificate of achievement on Introduction to Enterprise Architecture by Open2Study

Personal Details

