

AMIT MISTRY

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Summary

Solution Architect enthusiastically pursuing an **Enterprise Architect** and Innovation head to contribute significant value to the Ecolab team. Offering advanced knowledge of system design, development and deployment support shown over 17 years of related experience building Innovative digital solutions using Azure Cloud, AI/ML, Mobile, Web and Data Analytics for USA Healthcare, TCM, Education, Chemical Manufacturing and Supply chain domain.

Leadership and Management Skills

- Technology architecture analysis and Governance
- Systems design analysis and Gap analysis
- Strategic planning and review
- Product development
- Capacity and scalability planning
- Process Optimizing and performance tuning
- Decision Making
- Managing and Resolving Conflicts
- Problem Solving
- Negotiating
- Agile Project management
- Scope and project definition
- Cost estimation and budgeting
- Maturity assessments
- Client relationship management
- Stakeholder Management
- Design Thinking
- Critical Thinking
- Patience and Flexibility
- Accountability
- Mentoring

✓ Technical Skills

- ✓ **Languages:** Typescript, C#, Core Java
- ✓ **Scripting Languages:** JavaScript, Node.js, Angular, ReactJS, NESTJS, GraphQL, JQuery,, Jasmine, Mocha, Protractor Tests.
- ✓ **Markup Languages/Tools:** HTML5, XML, ALTOVA XMLSpy, Twilio IVR, Omilia IVR
- ✓ **.Net Technologies:** .Net 4.5 and lower, C#, ASP.Net, LINQ, ADO.Net, Web Service, WCF, NUnit Tests
- ✓ **ORM:** Entity Framework, PetaPoco, MyBatis.
- ✓ **GUI IDE:** VSCode, VS 2019 and lower, Jet brains Web Storm, Rhapsody IDE, Symphonia Mapping Tools
- ✓ **Database:** MS SQL Server, MS Access, NoSQL (Postgresql, MongoDB), ElasticSearch, Azure cosmosdb
- ✓ **Web Server:** Internet Information Server (IIS) 6.0, 7.0 & 7.5, Apache Tomcat, NGINX
- ✓ **Network Protocols:** TCP/IP, SOAP, HTTP/s, MSMQ, AMQP(RabbitMQ), Confluent Kafka
- ✓ **Designs Pattern:** Singleton, MVC, Builder, Messaging Patterns (Publisher-Subscriber, Request Reply), IDesign
- ✓ **Architectures:** Microservice, REST, SOA, Event Driven, Enterprise Architecture Integration
- ✓ **Configuration Management:** GIT, Tortoise SVN
- ✓ **Project Management Tools:** Azure DevOps, Atlassian JIRA, Confluence, Share Point Portal, Collabnet, QC
- ✓ **Cloud Computing:** Azure, AWS, GCP(DocAI), Terraform, ARM, JSON Template
- ✓ **Build & Release:** Azure Pipelines, Jenkins, Docker, Kubernetes, AWS Blue Green Deployment, BDD, TDD
- ✓ **Security:** OAuth2, Azure Active Directory, Openid Connect
- ✓ **Framework:** MS Bot Framework v4
- ✓ **Azure Cloud Services:** Azure Cognitive services, Azure PAAS Services, Azure Data Factory, Azure Data Bricks, Azure logic Apps, Azure search, Azure Storage Account

Work Experience

- ✓ Oct 2018 – Till Date: Ecolab Digital Center (SMEDC Services Pvt Ltd), Solution Architect
- ✓ Dec 2011 – Oct 2018: Nextgen Healthcare India Pvt Ltd, Staff Engineer II
- ✓ March 2011 – Nov 2011: Allscripts India Pvt Ltd, Bangalore as Software Engineer.
- ✓ May 2008 – Feb 2011: Misys Software Solutions, Bangalore as Software Engineer.
- ✓ Jan 2008 – May 2008: FastStream Technologies, Bangalore as Software Engineer.
- ✓ June 2006 – July 2007: SilverTouch Technologies, Ahmadabad as Software Engineer.

Certifications

- ✓ TOGAF 9.2 Training completed and preparing for Exam.
- ✓ AZ900-Azure Fundamentals
- ✓ Certified Agile Certified Professional (PMI-ACP) from iZenBridge Consultancy, PMI.org. Jan-2016

- ✓ Lean Agile Scrum Bootcamp, Construx, USA. Dec-2016
- ✓ ICAgile Certified Professional (ICP) from iZenBridge Consultancy, ICAgile. Oct-2015
- ✓ Certified Scrum Master (CSM) from Good Agile, Scrum Alliance, Inc. Oct - 2013
- ✓ Soft skills or Leadership trainings like Speed of Trust by Franklin Covey, Balancing Act, Crucial Conversion.

Project Handled

Solution Architect Ecolab Digital Center Pvt Ltd

**10/2018 to Current
Bengaluru, India**

- Designed and developed company-wide business solutions.
- Build the Enterprise Architecture for Below projects
 - ✓ **Ecolab Virtual Assistant** - Ecolab Virtual Assistant is voice and text based conversational enterprise Chatbot for Ecolab employee's and sales representative. Chatbot will help Ecolab to do Automation of various operations on their day-to-day operations. It also helps providing intelligence with AI bases process automation, problem solving, manual learning, knowledge curation, sentiment awareness. This Chatbot is available on various channels like WebChat, Directline, MS Team, Skype, Twilio SMS etc., Microservice and Voice first design approach for Azure PAAS deployment.
Environment: Typescript, JavaScript, Nodejs, REST API, OAuth2, MS Bot Framework v4, Azure Cognitive Services, Azure Cloud, Azure DevOps, Git, WebChat, MS Team App, Azure Cosmosdb, Blob Storage, TableStorage, Mysql, Azure Search, Azure Data Factory, Azure KeyVault, AAD.
 - ✓ **ESR IVR** – Enterprise customer facing IVR system for PEST for inquiry and service order.
 - ✓ **Customer Service Automation** - Automate the Purchase Order received via emails and its document attachment formats like PDF, Word document, Excel, Images, Email Body. This is built with event driven architecture and API first approach. IVR automation using Nice in Contact and Omilia and other front desk interaction systems like BMS, NicelnContact, SAP CRM. Core Components like Email Intake System, Enterprise API using Mulesoft, Confluent Kafka and RPA.
 - ✓ **In-Motion** – Google WearOS Mobile and WearOS Watch App with IOT integration to healthcare and life science division to capture the efficiency of Cleaning of HTO aka Hight Touch Objects in Hospital Eco system. Xamarin based Mobile and WearOS App.
 - ✓ **Web Applications** using MEAN and MERN stack with Microservice based event driven architecture style for supply chain division using Azure SAAS and PAAS deployment.
 - ✓ **FIATT – Field Insight and Analytics for Training the Troubleshooting** – Captures the data from different application sources, Speech to Text and store data analytics into cloud storage to display in centralized Power BI dashboard.
- Evaluated various operational processes and recommended cost-effective solutions for various divisions and their business units like supply chain, Institutional,
- Customized and presented IT solutions to principles and stakeholders across the USA/EUROPE region.
- Supported customer implementations and ensured success through identification and application of repeatable best practices.
- Validated systems to assess needed improvements and recommend options for closing gaps and enhancing functionality.
- Kept updated on advancements to latest information system solutions.
- Wrote detailed proposals covering system specifications, resource requirements and timelines
- Tracked technology trends and researched potential integrations to meet functional or performance needs.
- Defined scopes, managed resources, and oversaw schedules in line with stakeholder and project owner specifications.
- Delivered 3 projects per year with consistent record of meeting timeline, scope and budget requirements.
- Coordinated hiring, training, and performance management for 20+ employees.
- Procured software, hardware and infrastructure required to meet program demands.
- Assessed computing needs and system requirements by liaising with users, vendors and technicians.
- Used well-organized Agile/SCRUM/Lean methodologies to efficiently manage project needs.
- Oversaw on-site and off-site teams professionals working on diverse IT projects.
- Directed teams in prototyping and testing designs for feasibility, reliability, safety and security.

Staff Engineer 2 | Software Architect | Technical Manager Nextgen Healthcare India Pvt Ltd

**12/2011 to 10/2018
Bengaluru, India**

- Projects under taken.
 - ✓ **Nextgen Health Data Hub (NHDH)** -: NHDH is a Central Data Repository that aggregates data, forming a longitudinal patient record built from data from disparate data sources.
Environment: AngularJS, HTML5, Node.js, REST API, RabbitMQ(ESB), Mocha Tests, ElasticSearch, Java, JUnit Tests, Postgres NoSql, REDIS, GIT, AWS, Docker, Grunt, Socket.io, Sonar Qube, WebPack, Jenkins
 - ✓ **Nextgen Now (NG7)**: - NG7 is not only a fundamental shift in Technology, but also Delivery, Implementation, Training, and Support. NG7 will become the go-forward technology platform for both NextGen Product initiatives, as well as our customer and 3rd-party innovators looking to extend and

integrate our products with their systems and services. The NG7 Foundation is the platform for the NextGen Ecosystem on which all future products will be based.

- ✓ **Nextgen Mobile App (Web):** - Nextgen Mobile App is a mobile web application which provides flexibility to Nextgen clients to access the Electronic Health Record remotely using the mobile device like Ipad, IPod and mobile. Basically, this application is mobile application written using JQuery Mobile and MS Razor View Engine using Asp.Net MVC 3 to support various devices.
- ✓ **Nextgen Advanced Audit:** - Nextgen Advance Audit is an auditing framework which provides an API to the Nextgen Application to audit the user events for US Healthcare. This framework pushes the messages into the MSMQ. Windows Service will read the message from the MSMQ and persists into database. Administrator can view these messages from the database using Reporting tool which uses the WCF service to read the records from the database.
- Strong experience in designing Restful API and Microservice Architecture for SAAS and PAAS deployment.
- Good understanding of Agile Methodologies, XP Practices, and experience as Scrum Master.
- Strong hands-on experience on object-oriented concepts of JavaScript and JavaScript design patterns.
- Strong abstract-thinking and analysis skills to facilitate strong understanding of business requirements.
- Extensive experience on setting up the GIT workflow for CI/CD pipeline with Blue Green Deployment using Jenkins.
- Leading and mentoring development engineers for technical direction and concerns.
- Providing inputs in architecture road map, architecture design and implementing best practices.
- Communicates with business users to design and deliver world class software products and adding business value.
- Experience in Node.js and many of its libraries and modules.
- In depth knowledge and extensive hands-on experience on JavaScript frontend framework/libraries.
- Visited Irvine, USA office for understanding and implementing the Health Data Hub application architecture.
- Building High Performance team of engineers, who can design and develop highly performing solution.
- Experience in setting up goals for the team members and their annual and continuous performance review.
- People management, team building, conflict management and innovation.
- Hiring the best talent from the industry to build the high-performance team.

Software Engineer

03/2011 to 11/2011

Allscripts India Pvt Ltd

Bengaluru, India

- Wrote and developed new and well-tested code for different software projects.
- Kept pace with changing coding standards and requirements and maintained updated software.
- Built and maintained code libraries used to produce consistent and reliable code.
- Integrated third-party applications into existing software, enhancing features and performance.
- Contributed to sprint planning, prioritizing backlogs to meet new demands.
- Project worked on:
 - ✓ **Message Net** - Allscripts Message Net is a common portfolio framework that provides message exchange services for Allscripts products, supporting both traditional Request/Response transactions and the Publish/Subscribe eventing model.
 - ✓ **PEK (Healthcare - Site Level Event Bus):** - This project will deliver a site-level in-process and inter-process mediated message exchange capability to each Allscripts customer installation. EHR and other product applications will have the capability to publish event messages to the outside transaction hub (mock) site, subscribe to and receive/consume messages published by the transaction hub site, and exchange events between applications within the site. This project sets the extensible and modular framework for extending robust publish/subscribe and mediated request/response style messaging to site-level medical applications.
 - ✓ **CIE (Healthcare – Common Integration Engine):** - Common Integration Engine is an Interface engine, which provides an interface between all the AllscriptMisys healthcare products and other third-party healthcare system. It will transform the patient data from one system to another system in healthcare HL7 standard using TCP IP, Directory Service, Web Service and WCF Service. Here the self-hosted WCF Service will listen on the TCP port and transfer the message to Web Service.

Software Engineer

05/2008 to 02/2011

Misys Software Solutions India Pvt Ltd

Bengaluru, India

- **OPICS Plus (TCM – Treasury and capital Market Banking Product),** Most of the banks and financial institutions across the world, **Misys.**
- Aligned projects with requirements and specifications to deliver above-benchmark results.
- Kept pace with changing coding standards and requirements and maintained updated software.
- Wrote clean and dynamic code, leveraging expertise across multiple programming languages to meet diverse requirements.

Software Engineer

01/2008 to 05/2008

Faststream Technologies

Bengaluru, India

- Created responsive design layouts using JavaScript and JQuery, aiding smooth customer experiences.
- Maintained accountability for troubleshooting and resolving support issues.
- Wrote and created clean, readable and testable code to assure verifiability of components.

Software Engineer

SilverTouch Technologies Pvt Ltd

01/2006 to 07/2007

Ahmedabad, India

- Wrote and developed new and well-tested code for different software projects for Content Management System, Ticket System and Secondary Board Exam management system.
- Evaluated project requirements, identified challenges and proposed alternatives using research and data.
- Wrote clean and dynamic code, leveraging expertise across multiple programming languages to meet diverse requirements.

Education

MCA: Computer application

T. N. Rao College of IT

2006

Rajkot, Gujarat, India

BCA: Computer Applications

Naranlala college of professionals and applied science

2003

Navsari, Gujarat, India

H.S.C: Commerce

Gujarat Higher Secondary Education board

2000

Navsari, Gujarat, India

S.S.C: Board

Gujarat Secondary Education Board

1998

Navsari Gujarat India

Accomplishments

- ✓ Recognized by management for Innovation projects delivering outstanding results.
- ✓ Enhanced processes, implementing across department for increased productivity and profits.
- ✓ Built and nurtured key client relationships to grow profit by 20%.
- ✓ Planned and coordinated 10 projects resulting in increased customer experience and productivity.

Languages

English: First Language

English:

C2

Proficient

Hindi:

C2

Proficient

Gujarati:

Proficient

C2

Personal Details

Address : Bren Trillium, Flat # G-204, Off Hosa Road, Naganathpura, Electronic City, Bangalore 560100

Marital Status : Married

Preferred Location: Bangalore

Date of Birth : Sep 1982

Passport : Available on Request, USA B1/B2 visa – valid upto 2033.

Declaration

I hereby declare that all the above-furnished details are true to the best of my knowledge.

Date:

Amit Mistry.

Place: Bangalore