

## KEY EXPERTISE

9 years background in diverse facets of SDLC. In depth knowledge in **Cloud computing, machine Learning – NLP, IOT, Home Automation, Engineering Automation, Knowledge Management Life Cycle and Innovation Management domains**. Have skills and knowledge essential for providing technical solution for the problem statement and simplify the complicated problem. Passionate to explore, learn new Technologies along with Team. Potential in bringing **Intellectual Property (IP)** Revenue.

## CERTIFICATION

# **AWS Certified Solution Architect- Associate** (AWS - NZ45BRDKHNQ1QYKE)  
# **Certified Scrum Master** (Scrum Alliance -000560275)  
# **Basic Certification in Project Management** (L&T IPM)

## SKILLS

Product Development, **AWS** Cloud Architect, Azure, Software Development Management (C#, ASP.NET MVC, WCF, Web API- REST, HTML 5, AJAX, **JavaScript**, Bootstrap, Angular JS, MS SQL, Mongo DB, MQTT, **ML- NLP, Python**, Design Patterns, **OWASP, SCRUM Master** (Agile Coach)), Azure DevOps, GitHub, Docker, Kubernetes, Terraform and DevSecOps

## CLOUD SKILLS

### **AWS – Server Architecture:**

EC2 (ELB, Auto-Scaling group, Security Group, Instances- Bastion, NAT instance, etc...), EBS, EFS , RDS , Route 53, IAM , S3, Cloud Front, Cloud Formation, Cloud Watch, Cloud Trail, Elastic Container Service.

### **AWS – Server less Architecture:**

Route 53, API Gateway, Lambda, Dynamo DB, Machine Learning- Amazon Polly, Elastic Transcoder, Analytics – Kinesis.

### **AWS- Virtual Private Cloud:**

VPC, Internet Gateway, NAT Gateway, VPC Endpoint, Subnets, Route table, NACL, Egress.

### **AWS-Other Applications:**

SES, SNS, SQS, Elastic Search, Alexa

### **Cloud Architectures:**

High Availability Architecture, Resilience and Auto Scaling Architecture, Monolithic Architecture, Microservice Architecture, Server-less Architecture.

## MANAGEMENT SKILLS

- # Generated **Intellectual Property (IP)** revenue by creating potential **IP's**.
- # Involved in complete SDLC cycle and ensured the complete tracking.
- #Contribution in developing the **Product Framework** and **Product Roadmap**.
- #Translated stakeholders' business requirements/ Objective into technical applications/ solutions.
- # Introduced weekly Brainstorming for Team along with management to strengthen the product.
- # Motivate the team with new technologies and **POC's**, and sometimes **patent** as well.
- # Approached the Management with our POC's which sometime added into Product Roadmap.
- # Mentor the team in understanding the Web Security Risk by guiding them with **OWASP**.
- # Helped the Team members in understanding and fixing the issues raise from IT Vulnerability Scan and Disaster Recovery Drill over the on-premises server.
- # Created a Strong Innovation Culture and Practice in the team.

## EXPERIENCE

**Project Manager/Technical Solution Architect, L&T Technology Services.**

July 2019 – PRESENT

**Project Lead/Technical Solution Architect, L&T Technology Services.**

JAN 2018 – JUNE 2019

**SPARK- Innovation Management Suite (below is the list of product variance solving diff Case Studies:)**

- 1) Spark Pro (TRIZ)
- 2) TECHgium™
- 3) TechExpression
- 4) TechnoXpert.
- 5) Structured Investment Framework.
- 6) OPEX

- Responsible for designing and defining Product Suite and Variance – based on Case Studies
- Responsible for Planning and Defining Scope, Resource Planning, Team Leadership, Monitoring and Reporting Progress.
- Achieved the Product maturity with stringent Agility(Scrum) and process (Lean).
- Plan and prioritize product feature backlog and development for the product.
- Provide backlog management, iteration planning, and elaboration of the user stories
- Collaborate with participants to determine project timeline and accountable for complete deliverable from initiating till closure.
- Build RACSI Matrix for ensuring responsibilities.
- **Migrated SharePoint Application to Light Weight Cloud Application.**
- **Migrated** the Existing Application from **Azure Cloud** to **AWS Cloud**.
- Proven skill in ensuring Secure(VPC) and High Available Cloud Solution.
- Mentored the team in security Architecture following **OWSAP**
- Successfully handled the challenge of ensuring more than **20,000 users** at the peak time.
- Development tools and languages ASP.NET-MVC- C#, Web API2, RabbitMQ JavaScript, Bootstrap, Python, **AWS Cloud**- RDS, EC2, ELB, EFS, VPC, Elastic Search, ML-NLP, Route 53, **On-premises** -Microservices -Docker, Kubernetes

\*\*\*\*\*

**iKnowledge- Knowledge Management Suite (below is the list of product variance solving diff Case Studies:)**

- 1) iKnowledge Lite
- 2) iKnowledge Pro (AI Module)

- Interfaced with stakeholders and gather business requirements and objectives.
- Translated stakeholders' business requirements and objectives into technical applications and solutions.
- Specialized in Knowledge/data Acquisition and Processing with **AI**.
- Achieved the Product maturity with stringent Agility(Scrum) and process (Lean).
- Ensured the Best practices with **design and architectural patterns**.
- Designed the solution to work both on **Cloud** and **on-premises**.
- Ensured the user experience in both Web Browser and Mobile browser.
- Provided **Low cost** and **high-performance** Cloud Solution.
- Contributed in code review and optimization for internal process development.
- Adapted Design Pattern and SOLID principles as a part of the adaptive software development.
- Development tools and languages ASP.NET-MVC- C#, Web API2, RabbitMQ JavaScript,

Bootstrap, Python, **AWS Cloud**- RDS, VPC, EC2, ELB, EFS , Elastic Search, ML-NLP, Route 53,  
**On-premises** - Microservices -Dockers, Kubernetes

\*\*\*\*\*

**Senior Software Engineer, L&T Technology Services.**

JULY 2015 – DEC 2017

***Remote Access Services- IOT***

- Responsible for design and function parts of the application.
- Worked with MQTT broker.
- Securely handled the Rest services.
- Followed the OWSAP (Open Web Application Security Project) principles for secure web application.
- Involved in End to End flow of the application.
- Handled Wi-Fi Provisioning Module.
- Understood and designed Architecture diagrams and class diagrams.
- Have taken the responsibility in doing unit testing and system integration Testing.
- Involved in contributing for Agile methodology (daily scrum meeting, sprint planning)
- Front End design with HTML5, CSS, REST Client, MQTT Broker, JavaScript, JQuery, Ajax, ASP.NET MVC 4 (C#) 2012, TFS and AWS Cloud.

\*\*\*\*\*

**Software Engineer, L&T Technology Services.**

May 2013 – JUN 2015

***Smart Grid (Data Acquisition & Monitoring System)- IOT***

- Designed the web page with windows8 (Metro style).
- Worked with both client and server side.
- Maintained the database with **Azure** SSMS 2008 R2.
- Followed the OWSAP (Open Web Application Security Project) principles for secure web application.
- Design and coding using MVC4 pattern.
- Worked on third party charts
- Understood the Architecture level of the application.
- Have taken the responsibility in doing unit testing and system integration Testing.
- Prepared understanding documents and provided KT to team members on need basis
- **Azure** cloud-SQL server 2005, Front End design with windows8 (Metro style), JavaScript, HTML5, CSS, JQuery, Ajax, HTML5 Charts and JavaScript Charts, ASP.NET MVC 4 , (C#) ,TFS

\*\*\*\*\*

**Software Engineer, Technova Solution.**

May 2011 – April 2013

***Payroll Application.***

\*\*\*\*\*

**EDUCATION**

**ANNA UNIVERSITY, CHENNAI**

BACHELOR OF ENGINEERING – COMPUTER SCIENCE, 2011