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| **SATISH KUMAR ANANDHAN (AWS CSA®,TOGAF** **®, PMP** **®,CSM** **®, ITIL** **®, COBIT** **®)** | **C:\Users\5013504127\AppData\Local\Temp\wz8999\qr_code_without_logo.jpg** |
| * *(+60) 0107130910* **|*****Email:*** *iamsatish@live.com* **|*****LinkedIn:***[*my.linkedin.com/in/satishanandhan/*](http://www.linkedin.com/in/singhjasdev) |
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**Cloud Application / Infrastructure, Devops Architect, Lead Development, Consulting, Project Management**

**Business, Solution Design, Implementation for Multi-Million Dollar, High transactional, low latency Development.**

• Over **10 years** of extensive experience in full project lifecycle Business, Application Design and architecture, software development, documentation and project planning, Infrastructure Design, database design, systems analysis, enterprise integration, technical support and implementation of various Distributed multi-tiers, multi-threaded applications for **payment gateways**, **Big Retail, ERP, CRM / OSS, OTT, IPTV, CMS, MDM, BPM, Analytics, Insurance Applications.**

• Strong Experience in the (**Public / Private / Hybrid)** Cloud Computing, Virtualization, Networking, Storage and CDN, Database, Application Services, Deployment , Monitoring, Real time Dashboard and Management in AWS / AZURE and Open stack. (**PaaS, IaaS, SaaS**).

• Good in **packaging** and Managing **container services ie (Docker , EC2 Containers, Kubernets, Linux Containers).**

• Strong skills and understanding of Continuous integration Build Management and monitoring, test framework development. Build CI systems from scratch. Good in Infra-structure Automation with. (**Chef, Puppet, Cloud formation, Ansible, Terraform**).

• Strong Experience in doing (**One time, Rolling, Rolling with patch, Immutable, Blue / Green** ) Deployments.

• Experience in server security management – **security groups, web application firewalls, vulnerability and pen testing.** Strongexperience insecurity solutions such as **DLP, SIEM, MLS, IDAM, ISIM and ISAM.**

• Deep Understanding of Architecture / Security frameworks ie **ISO 2700X, TOGAF, NIST Cyber Security Framework, ISF Standard, SABSA, CCP Information Architect , ZACHMAN.** (**TOGAF 9.1 Certified**). Strong Knowledge on **PCIDSS, PDPA, SOC 1/2/3, Data protection and privacy compliance**.

• In-depth experience establishing best practices and guidelines for selecting, developing, and **implementing information systems architecture, and software design methodologies, software design patterns, and object oriented design within enterprise.**

• Strong Experience in handling many cloud migrations with more than 10 Million active users, **Heavy Data Migration (>100 M data), DB / Application Performance Tuning.** Analysis and design of applications using OOAD techniques, UML and Design Patterns. Good in **Data Business, Web service Modeling**. Extensive on **SOA Suite, XML, and Web services, Integration Design Pattern**

• Strong working knowledge of **BDD, TDD, Continuous Integration & Agile methodologies** Mastery of build technologies like **Hudson**, **Jenkins**, **Ivy, Maven, Gradle, NuGet** etc, Integration and automation of source control applications like **Perforce**, **Subversion**, **Git**, **Artifactory**.

• Experienced in the analysis and design of applications using OOAD techniques, UML and Design Patterns. Good in **Data Business, Web service Modeling**. Extensive on **SOA Suite, XML, API** Lifecycle Management with **RAML, SWAGGER.**

• Experience in **BI, Real-time Data streaming/ Analytics, Dash boarding and alerting. (AWS Kinesis, Apache Kafka, Spark, ELK, DRUID, Jasper Reports, Pentaho BI, EMR).**

• Strong Work Experience in the Android / IOS Application development Integration and automation with **Appium / Calabash** with **Device Farm**.

• Strong Experience in leading and coaching the project in the agile environment, within triple constraints. (**PMP, CSM Certified**)

• Successfully managed a team of software engineers in implementing **enterprise-class, cloud ready, model-driven and service-oriented IT products.**

• **Effective communicator** adept in delivering **superior customer service** and bridging the business and **technical communities. Client-facing expert at all organizational levels; able to succeed within any organization.**

**CERTTIFICATIONS AND PROFESSIONAL MEMBERSHIP**

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| * **AWS Certified solution Architect professional.** | **AWS Global Community JUN 2016 – Till now.** |
| * **TOGAF 9.1 – Open Group** | **Cloud Security Alliance – SEP 2016 – Till now.** |
| * **Project Management Professional - PMI** | **Project Management Institute PMI – JUNE 2012 – Till now** |
| * **Scrum Alliance Certified Scrum Master professional** | **Global scrum Alliance – JAN 2014 – Till now** |
| * **Microsoft Certified** Programmer **in HTML5, CSS3 and Advanced JavaScript** | **Global Association of Enterprise Architects- MAR 2015 – Till now** |
| * **EXIN** certified **ITTL & ITSM Professional** |  |
| * **Cobit 5 Foundations – APMG.** |  |
| * **M102- Mongo DB for DBA** |  |
| * **M101J MONGO DB for Java Developers .** |  |
| * **Functional Programming in Scala.** |  |

**SKILL SET**

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| **Specialization** | Multichannel Retail, ERP, CRM, CMS, MDM, BPM, HR, Reporting, Analytics |
| **Languages** | SCALA, Java7, ColdFusion 9, PHP 5.2.10, HTML 5, JavaScript, CSS 3, JSP 2.0 |
| **Infra-structure Automation** | AWS cloud formation, Elastic Beanstalk, Opscode Chef, Teraform, Vault. Puppet.Capastrino |
| **Design Tools** | Axure, Balsamiq, Enterprise Architect, SOUP UI, Archimate ,ADOIT, BPMN 2.0 |
| **Databases** | Oracle 9i, MySQL 5.5.10 , Mongo DB 2.6.5, SQLLITE, Postgresql, Cassandra, Redis, Memcached. |
| **Platforms** | Windows 9x/NT/2000/XP/Vista (Middleware Systems, OS, Environment), Linux Ubuntu 12.0, Red Hat Enterprise. |
| **Application Servers** | PHP5, Jboss , IIS, TOMCAT 7, NGNIX, Jetty. |
| **Methodologies** | Agile Scrum, Waterfall, RAD, Iterative Model,RUP |
| **ERP** | ORACLE EBS 12.2, JDA MMS, OpenERP V6.0, Open Bravo V2.0, Open TAPS. |
| **CRM** | AMDOCS, Vtiger, SugarCRM, CivicCRM, MS Dynamics, Sales force. |
| **Enterprise CMS and PIM** | HP Team site, Typo3 , Drupal 7X | STIBO PIM |
| **Source Control / CI Tools** | GIT, GIthub, Gerritt,Bitbucket, GO Pipeline, Jenkins, Bamboo, Cruise Control |
| **TDD / BDD** | Grunt JS , Junit, PHPunit / Cucumber, Jbehave, MOCHA |
| **JS Framework** | NodeJS, ReactJS, ExpressJS, Angular JS, PHANTOM JS, Knockout JS, |
| **Enterprise Search** | APACHE SOLR, LUCENE, Google Search Appliance, Cloudsearch |
| **Test Automation / Load Testing** | Selenium 2.40, Gatling 2, Jmeter, Junit, JMOCK, APPIUM, Calabash, STB Tester. |
| **Management Tools** | MS Word, Excel, PowerPoint, Visio, Project, Altasian Jira, Mingle, Confluence |
| **CDN and LOG Management** | AKAMAI Luna Control, SCENE7,Cloudfront, SPLUNK Enterprise, LOGLY, ELK |
| **Monitoring and Analytics TOOLS** | Cloudwatch,GANGLIA, NAGIOS, Keynote, Webpage Test |

**Professional Experience**

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| **Astro Malaysia Holdings Sdn BHD . - Technical Architect / Cloud Migration Expert.** | July 2015 – Till now |

**Payment Gateway,Single Sign on, Digital Entitlement system, Real time payment notifications, Coupons, GoShop**

The Goal of the project is to migrate all the middle ware systems to the cloud and Improve the HA, scalability and performance of the system. All the above system is integrated with more than 80+ systems.

**Technology Used:**

.NET Framework 2, JAVA SPRING Cloud, AWS Services (Directconnect,IAM,VPC,EC2, RDS, DMS, KINESISFIREHORSE, Elastic Beanstalk, Cloud formation, Opsworks, Device Farm, Dynamo DB, SES,SQS, SWF, API Gateway, Lambda, Elastic cache, Redshift.S3, Cloud front, Cloud watch, Cloud trail, Code deploy, Code pipeline, AWS Container services, Openstack core services.

**Key Result Areas:**

* Accountable for:
* Analyzing and understanding in-depth Business and delivered all the business, application and technology documents
* Selecting technology & proposing solutions to the architecture governance board
* Performing POC and early risk assessment.
* Proposing complex solution following Industry best practices on Application, Data and security architecture in cloud.
* Coordinates with enterprise architects and information architects to ensure new cloud services align to roadmaps and to understand the impact on the organization’s information architecture.
* Proposing the right migration strategy, DR architecture and Implementation.
* Monitoring performance of the Application, Middleware, servers,
* Reviewing solution & validating client requirements based on the client's business process and challenges
* Driving the Agile flavor and leading product review meetings and client meetings
* Implementing the Agile best practices include TDD, BDD, CI, CD, Load test automation.
* Pen test, Implementation of the security compliance (PDPA, PCIDSS), Following the OWASP security standards.
* Working as Solution consultant for execution of Astro Cloud Migration projects and long-term reliability of the platform in a complex, globally distributed enterprise environment
* Overseeing a variety of tasks as part of IT Projects including vertical integration (web, service, data, and security) and application lifecycle management including continuous integration, test-driven design, refactoring and evolutionary design
* Liaising with Product Management Teams to put-together end-to-end solutions with commercial and pricing propositions
* Accountable for Requirement Analysis, System Performance Evaluation, Cloud Migration Strategy, Branch Analytics Integration, Project Road Mapping, Agile Sprint, Deployment and Support.

**Highlights**: (Hybrid cloud solution Integrated to Legacy systems through Direct Connect)

* Implemented ELK stack for the heavy log analysis with real time alerts which includes more than 100GB logs per day.
* Implemented Blue / Green Deployment for the zero downtime.
* Designed self-healing architecture with Integrations to DMP and Real time customer analytics.
* Successfully introduced an innovative solution in BI, CI and complex reporting opened up a new sub-product line opportunity
* Learned and Implemented new technologies quickly.

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| **Sony India Software Center Pvt Ltd (CMMI 3) - Solution / Business Consultant**  **Clients Worked: SONY Global Corporation Japan.** | AUG 2013 – July 2015 |

**Sony Europe Global Transformation Project (Web, Mobile, and Tablet) Optimization and BI**

The Goal of the project is to replace all the Sony Marketing and E-commerce platform into one single platform and to reduce overall cost of 200 million dollar and have a single platform which serve all marketing, E-commerce Integrations, CRM, Analytics combined one platform for all 183 countries with complex localization and following local and legal requirements for each country.

**Technology Used:**

SCALA, RUBY, Mongo DB, STIBO PIM, HP Team site, Omniture, Keynote, HTML5, Twitter Bootstrap, Webpagetest.12.0, APACHE CAMEL, CHEF OPSCODE, JASPER REPORTING, PENTAHO, SPLUNK, NAGIOS, CI, GIT STASH, AMAZON AWS, NGNIX, SALES FORCE, HP TEAMSITE, STEP STIBO, BASH SCRIPTING, ATG, SAP COMMERCE, SCENE7, AKAMAI CDN. JETTY, AKKA, GATLING 2, Enterprise Architect, BPMN 2.0.

**Key Result Areas:**

* Accountable for:
* Analyzing and understanding in-depth Business and delivered all the business, application and technology documents
* Selecting technology & proposing solutions to the architecture governance board
* Performing POC and early risk assessment
* Proposing complex solution with Integration with more than 40 systems focusing mainly on SCALA technology stack
* Overseeing system phases and managing stockholders across 183 countries
* Reviewing solution & validating client requirements based on the client's business process and challenges
* Driving the Agile flavor and leading product review meetings and client meetings
* Providing solution for complex reporting and BI with four data source with 1.5L volume of data generated every week
* Actively travelling to onsite four times for the Requirement Elicitation, Solution proposal to governance and Technology POC
* Working as Solution consultant for execution of Sony Global Migration projects and long-term reliability of the platform in a complex, globally distributed enterprise environment
* Overseeing a variety of tasks as part of IT Projects including vertical integration (web, service, data, and security) and application lifecycle management including continuous integration, test-driven design, refactoring and evolutionary design
* Liaising with Product Management Teams to put-together end-to-end solutions with commercial and pricing propositions
* Accountable for Requirement Analysis, System Performance Evaluation, Cloud Migration Strategy, Branch Analytics Integration, Project Road Mapping, Agile Sprint, Deployment and Support.

**Highlights**: (Scaled one platform serving 183 countries with daily more than 1GB data transaction between different systems)

* Implemented Scala AKKA, Apache Kafka asynchronous and concurrent distributed applications in Adaptors for heavy parallel data processing.
* Architected platform for heavy localization to support 80+ Languages passing through multiple systems.
* Architected complex reporting system which is integrated with four different data sources. (Pentaho + JASPER Report)
* Successfully introduced an innovative solution in BI, CI and complex reporting opened up a new sub-product line opportunity
* Learned and Implemented new technologies quickly.

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| **Ascendum Solutions India Pvt. Ltd (CMMI 3),** Bangalore **- Solution / Business Consultant** | JULY 2012 – AUG 2013 |

**Clients Worked: Shoppers stop, KROGER, Decathlon, LG and Build INC.**

**Technology Used:**

PHP 5.4, Magento EE 1.12, Hybris 5, MySQL 5.5.12, JDA MMS, Net beans 7.0, Reporting Tools, SOLAR, ORACLE EBS, OPENTAPS, LG PIM.

**Responsibilities:**

* Designed and proposed solution for Multi-channel Retailing for the above notable clients architecture board and getting
* Work with key members of the management team to define and drive technical strategy and architectural direction across the ecommerce and Omni channel solutions portfolio
* Gathered requirements and prepared business, Application and technology ADM documents.
* Lead the design, development and implementation of new features and functionalities within the Retail portfolio.
* Lead in the testing process through test review and analysis, Interface/Bridge between customer and Delivery Team.
* Providing In-depth Analytics for the Business to take crucial Decisions.

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| **Professional Access Software Development Pvt. Ltd (CMMI 4)**, Bangalore **Developer / Business Consultant** | SEP 2008 – JUN 2012 |

**Clients Worked: NYC, Walgreens, Walmart, BestBuy, OfficeMax, Payless, URBAN Outfitters and Dubai Duty Free**

**Technology Used:**

Java / J2EE, UML, ATG 9.0 RM, Commerce, Oracle 10g, ATG CRM, Eclipse Galileo, SVN

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| **Tech Trend**, Bangalore **- Lead Developer / Business Consultant** | JUL 2006 – SEP 2008 |

**Clients Worked: WFH Canada, Techtrend INC, Ayoka INC, and Tutor Vista INC.**

**Technology Used:**

PHP5, MYSQL 5, HTML5, CSS3, JQuery, WordPress, Joomla, PERL, MONGODB, SQLLITE

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**Education**

* **Master in Business Administration (Information Technology and Systems),** The Institute of Chartered Financial Analysts of India University, 2009-2011
* **Bachelor of Engineering (Electronics and Telecommunication)**, Anna University, Chennai. 2002-2006