AVP – Engineering Manager	
Candidate Name	Ashish Singh
Current Company	Tech Mahindra
Current Designation	Technical Architect
Current Location/Native	Pune
Education	B.E, Electronics & Telecommunication
Experience	16 Years
Team Management	Independent Contributor with Dotted reporting
Relevant Experience (Design, Develop & Architecting)	Architecting - 4.5 Years Designing and Development since almost start of the career.
Skills	- Total 16 Years' experience - Architect Since last 4.5 years - Majorly into Architecting, Designing, Creating Solutions and Building Technologies. - Also does coding at times, creating the prototype, Pre sales. - Very Strong experience working on Java, Microservices, J2EE, and other tools & technologies. - Good exposure working on Agile Methodologies - Purely Technologist.
Reason for Change	It has been 10 Years at Tech Mahindra. Looking for a different environment and challenging position.

ASHISH SINGH

ashishsingh81@gmail.com
+91-9850831258

16 years of IT industry experience encompassing a wide range of skill set, roles and industry verticals.
Able to work independently, willing to take challenge in an environment of change with the highest level of integrity and intense desire to meet client's need.

PERSONAL INFORMATION

Born March 18th August
Citizenship: Indian
Marital status: married
Address: F-903, Palladium Homes, Dhanori, Pune, 411015

PRESENT ROLE

- Technical Architect
- Review requirements
- Designing application frame work
- Creating POC (Proof of concept) on various aspects to get new business in different areas
- Building capbilty around new technolgy
- ONAP(Open Network Automation Platform) contributor
- Requirements analysis
- Estimation
- Providing inputs in UI designing and wireframe creation.
- Configuring code repository
- Implementing authentication and authorization.
- Provide System Test and UAT support
- Creating deployment script and provide production deployment support
- Participate in knowledge sharing activities
- Setup coding standards and written related documentation.
- Installed and configured, well versed server and deployment enterprise applications in websphere Application & Portal Server environment.

WORK HISTORY

02. 2011 - PRESENT **TECH MAHINDRA**

Areas of Experience

Domains
Finance, Telecom

Programming Languages
Java/J2EE, PL/SQL, CQL

J2ee Technologies
JSP, Servlets,
Web Services (SOAP, Restful).

Big Data
Apache Strom, Apache Spark, Apache Kafka, CDAP, Apache NIFI, Confluent

Database
MySQL, Postgres, MongoDB, Redis, Cassandra, Graph DB

Frameworks
Spring, JSF, Spring Boot, Apache Camel

BPM /SOA Suites
Micro services, Camunda, Flowable, Activity

Rule Engine
Drools

Search and analytics engine
ELK

Telecom
ONAP (AAI, DCAE, Policy, Portal, DMaap)

Portal
Portlet, IBM Websphere Portlet Factory, Portal Administration.

Content Management
Teamsite, AWPS, BDE

Servers
Websphere Application/Portal Server, JBOSS, Tomcat

Scripts
JavaScript, HTML, DHTM, CSS

Code Repository
SVN, MKS, GIT

Methodology
Waterfall, Agile

Technical Architect

04. 2008 – 01. 2011 **HSBC SOFTWARE DEVELOPMENT (INDIA)**
Senior Software Engineer

06. 2006 – 03. 2008 **FINENG SOLUTION PRIVATE LIMITED.**
Senior Software Engineer

02. 2005 – 05. 2006 **INFO BYTE COMPUTER**
Software Engineer

EDUCATION

07.2000 – 05.2004 **LNCT BHOPAL (M.P.)**
B.E. (ELEX&COMM)

AWARDS & ACCREDITATIONS

- Got Livewire Award in TechM 2018
- Got Guru Award in TehM 2017
- Got Grand Salute in Tech Mahindra 2015-2016.
- Got Star performer award in Tech Mahindra in 2011.
- Got Rise Award in HSBC in 2010
- Got Spot Award in HSBC in 2008

PROJECTS

Project Blue Marble
Client TechM
Duration March 2020 – till date
Technologies Used Microservices, BPMN(Flowable), MongoDB, Postgres, ELK, Redis, Spring, Spring Boot, Apache Spark, Apache kafka, AXON.
Role Technical Architect

Description
Blue Marble is complete End to end order management product develop by Tech Mahindra, covers the E2E life-cycle coverage of order, Blue Marble's MicroServices provide business relevant services for implementing customer experience. The headless architecture provides corresponding APIs for the implementation of different front-end, customer or agent facing applications. These APIs are designed to support consistent customer journeys, with a current focus on sales and commerce related customer journeys.

Responsibilities:
- Architecting and Designing the solution
- Guiding the team in implementation of solution

Project One Inventory
Client T-Mobile(USA)
Duration March 2019 – Feb 2020

Technologies Used ONAP (AAI, DCAE, DMaaP), Rule Engine(Drools), Apache NIFI, Confluent, Kafka, Camunda, Microservices, GraphDB(Titan), Apache Spark, ELK, Cassandra, Spring, Spring Boot.
Role Technical Architect

Description
One Inventory is platform which use to collect the data from various inventory sources and provide uniform view across platform, it also provides services to create update and modify Network Topology in inventories, it provides uniform dashboard for all Network topology with search filters, it sync's data from various inventory sources in batch and real time mode.

Responsibilities:
- Architecting and Designing the solution
- Guiding the team in implementation of solution

Project ONAP (Open Network Automation Platform)
Client Open Source Solution
Duration Feb 2017 – Feb 2019
Technologies Used DCAE, AAI, Policy, Portal, Microservices, CDAP, Machine Learning, MongoDB, Cassandra, Redis, Titan, Camunda, Spring, Spring Boot, Spark, kafka, Apache Camel.
Role Technical Architect

Description
ONAP (Open Network Automation Platform) is an open source software platform that delivers capabilities for the design, creation, orchestration, monitoring, and life cycle management of Virtual Network Functions (VNFs) The carrier-scale Software Defined Networks (SDNs) that contain them Higher-level services that combine the above ONAP (a project combining ECOMP and Open-O) provides for automatic, policy-driven interaction of these functions and services in a dynamic, real-time cloud environment. ONAP is not just a run-time platform; it includes graphical design tools for function/service creation. ONAP uses cloud technologies and network virtualization to offer services, achieving both faster development and greater operational automation. It lets service providers quickly add features and reduces operations costs. It gives service providers and businesses with their own network clouds more control of their network services, and enables developers to create new services. Ultimately

Responsibilities:
- Architecting and Designing the solution
- Guiding the team in implementation of solution

Project vTM
Client ATT, US
Duration Mar 2016 – Feb2017
Technologies Used Camunda, Spring, Spring Boot, Micro-service, Camunda, Mongo DB, Java, Maven(mvn), SubVersion (SVN), Redis, AJSC, Jenkins etc.
Role Technical Architect

Description
We architected the solution with open source suite of technologies on ticketing domain related problems. The product is called Virtual Trouble Management. It helps Business Support people in identifying and fixing the problem tickets in different systems or applications. The product has ability to manage the lifecycle of the problem ticket. It is based on cloud computing and virtually can extend its support to any number of users without affecting the performance. It is based on the open source technologies with Mongo as incident inventory. Different domain ticket solutions will be on boarded to vTM platform and hence a unified ticket management system will be provided to client.

Responsibilities:
- Architecting and Designing the solution
- Guiding the team in implementation of solution

Project Name Platform and Tooling
Client CDU-OS-01
Duration Mar 2014 –Feb 2016
Team Size 10
Technologies Used Java/J2EE, Spring, BPMN (Camunda), web-services, Apache Camel, Apache Kafka, Apache Strom, Apache Spark and SVN
Role Technical Architect
Description
This is open source technology Excellence Center which supports Business Unit's sales team by providing them technical solutions, architecture, estimations and creating proof of concepts whenever needed. We have been doing POC's in Camunda, Java, Spring boot, Mongo and many more open source technologies

Project Name ROS-ABM
Client AT&T
Duration Jan 2013 –Feb2014
Team Size 10
Technologies Used Java/J2EE, Spring, JSF, web-services, Portlet, JSR286, JSR326 and SVN
Role Tech Lead
Description
ROS-SE is the front end ordering system which provides the BellSouth Large and Small Business groups a straightforward, functional interface to support the creation and modification of regional service orders. This system provides a graphical user interface with backup data retrieval and flexible window presentation. It provides Service Order negotiation and generation functionality for Small Business and Large Business customers in the South East region. It also serves as a backup for Consumer RNS users, and provides a USOC/FID based order entry system for all products that replaces the current DOE and SONGS systems.
Responsibilities: Estimation, Design, Analysis, Coding, Code Review, writing Test Cases, Unit Testing, Integration Testing, UAT, System Test support & Team management.

Project Name EFMS-ISP
Client AT&T
Duration Feb 2011 – Dec12
Team Size 10
Technologies Used J2EE, Portlet, JSR286, Portlet Factory and SVN
Role Acting team lead
Description
SBS 3.0 is a multi-phase project intended to develop a differentiated offer strategy to lead the Small Business market with simplified package offers that consist of IP data as the core fabric enabling selling of Wireline, BVoIP and Mobility solutions within the AT&T Business portfolio as well as including adjacent service offerings
ISP Dashboard will display detail order status to the internal user (SPOC) and MACD view for the KCC will have the view of status for any MACD orders. EFMS should also display status of multi-site order (linked by the order number of the primary location) at both the bundle and component level with due date information. Every site in the multi-site order will have its own FAN and Phoenix/Premier order number. EFMS will provide status during the entire lifecycle of a bundle and/or stand-alone order i.e. Submitted, In-progress, and Complete. The dashboard should also display any errors (data fall-out, jeopardy) during the ordering or service delivery process.
Responsibilities: Analysis, Coding, Code Review, writing Test Cases, Unit Testing, Integration Testing, UAT, System Test support & Team management.

Project Name Groupsite Upgrade
Client GPS (Group Publishing Servicing)
Duration May 2010 – Jan2011
Team Size 4

Technologies Used J2EE, Portlet, JSR168, JSF, MKS Source Integrity, XML
Role Acting team lead
Description
We are upgrading the Groupsite application from WPS5.1 to WPS 6.2, where we upgrade the used framework from ES5.1 to ES6.1 and the IBM jet-speed API into JSR168.
In ES6.2 frame work we are using spring as well as JSF.
Responsibilities: Analysis, Coding, Code Review, writing Test Cases, Unit Testing, Integration Testing, UAT, System Test support & Team management.

Project Name Financial Results
Client GCE (Group Customer Experience)
Duration Oct 2009 – April2010
Team Size 4
Technologies Used J2EE, Portlet, Teamsite template development, MKS Source Integrity, XML
Role Acting team lead
Description
Financial Results tool is allow users to search, filter and save assets held in a repository about HSBC Financial Results. The results will defined by Year and Results period or region and company.
The application is build on top of the ES framework and makes use of the Portlet.
This application is developed with WSAD v5.1.2 and run on a WPS 5.1.
All the sources have to be shared and synchronized with the MKS sources management tool.

Responsibilities:
Analysis, Coding, Code Review, writing Test Cases, Unit Testing, Integration Testing, UAT, System Test support & Team management.

Project Name P2G Groupsite2G
Client GEB
Duration June 2006 – Dec 2007 and Nov2008 – Sep2009
Team Size 13
Technologies Used Java, JSP, Portlet, WebSphere Portal Server, TeamSite 6.5, Perl, MKS Source Integrity, XML
Role Senior Software Engineer
Description
This project was regarding migration of the public website commonly referred to as “Group Site”, the url of which is www.hsbc.com, onto the new Group standard ‘Second Generation’ (2G) platform using Execution Services Framework
The BDE infrastructure facilitates ability for a business users and business IT to directly create, update and test a number of e-Channel application components of the P2G Program. The suite of tools must empower non-technical business users who have no knowledge of HTML to author “static” content with images and links. The environment must also facilitate the deployment and testing of business IT application code in a regular development workflow.
The BDE is a services framework for creating and managing artifacts as well as page layout functionality. The applications within the BDE provide mechanisms for version control of artifacts and page layout that are required in the business cycle workflow. This is accomplished through the use of various services:

Project Name CSO - Stock Option Cover
Client HFE
Duration May 2008 – October 2008
Team Size 2
Technologies Used Java, JSP, JSF, Servlet, MKS Source Integrity, XML
Role Senior Software Engineer
Description
The cover stock option is a service offered by HSBC Private Bank to customers who want to protect the value of their stock options or their actions. The protected stock is called the underlying stock.
The application is build on top of the ES framework and makes use of the JSF implementation.

Responsibilities

Coding, Code Review, writing Test Cases, Unit Testing, Integration Testing, UAT and System Test support.

Project Name	BDE UK Support
Client	GEB
Duration	Jan 2008 – April 2008
Team Size	4
Technologies Used	Java, JSP, Portlet, WebSphere Portal Server, TeamSite 6.5, Perl, MKS Source Integrity, XML
Role	Senior Software Engineer

Description

This project involves enhancement of www.hsbc.co.uk. This is categorized into **1G** and **2G** tools.
1G tools are used for PWS applications eg. PAO, CPA, BMM etc. This is based on MVC architecture. These applications (forms) collect data entered by customer (end users) and send it to database using MQ (EMH or FVQ).
2G tools are the second generation tools. These are divided into Portlet development and Themes-Skins development.
Portlet Development is based on ES-Portal architecture.
Themes-Skins - Themes are containers that act as a wrapper for all content that is served inside them. Skins are containers that act as a wrapper for objects placed within a theme.

Responsibilities

Coding, Code Review, writing Test Cases, Unit Testing, Integration Testing, UAT and System Test support.

Project Name	Online solution for Corporate Philanthropy
Client	Kintera Inc, San Diego, U.S.A.
Role	Software Engineer

Description

The project involves developing an online solution for companies interested in philanthropy. It enables employees of these companies to contribute online. The application allows employees to choose from an available list of charities or specify the Non Profit Organization (NPO) of their choice. It also enables them to view the history of their donations, edit their pledges and even cancel their contributions. Some of the companies where such solutions were implemented include Microsoft, General Motors, EDS, Charles Schwab, Western Digital and Synopsys

Responsibilities

Front end Coding, Code Review, writing Test Cases, Unit Testing, Integration Testing, UAT and System Test support.

DECLARATION

I, hereby declare that all the facts stated above are authentic and true to the best of my knowledge and belief and can be supported by necessary documents.

Place:
Date:

(Ashish Singh).