

AJIT KUMAR

SN-37/1/1, B-12 MAHDA, Chandannagar, Kharadi, Pune-411014, MB:7721051267, ajitjava2@gmail.com

PROFESSIONAL SUMMARY

- Over **16 years** of experience in java j2ee, presentation, business and persistence layer Design, development, support activities, executing mission critical system for **Internet of Things, Medical, construction business, digital marketing solution, payment, transportation, logistic, regulatory compliance, call center, e-commerce, banking, mortgage, trade, retail, payroll and education domain.**
- Excellent programming skill in **multithreading, collection, Servlet, JSP, EJB, J2EE, Struts, spring, spring boot, Hibernate, groovy, grails, Web Services, Java Script, Angular, XML .**
- Proficient with Software Architect, Design, Coding, Review, Testing, good exposure covering the complete **SDLC by analyzing, designing, developing, integrating and testing various business applications in 3- tier, N-Tier distributed Architecture, Big data, Data Processing, Streaming, Machine Learning, Deep Learning, NoSQL, CI/CD and Cloud Architecture.**
- Design and methodology with **UML, workflows, Use Cases, Agile, Kanban, TDD, BDD, DDD, SOA and Design Pattern.**
- Developed **Microservices, Real time streaming, Exception Handling, OAuth, Security, Captcha, CRUD and Rest API.**
- Hands on experience in **CI (Continuous Integration), CD (Continuous Delivery)** pipelines, strong background in **Build and Release Management and Cloud Implementation** all within that suites the needs of an environment under **DevOps Culture.**
- Experienced in developing front-end systems with **HTML5, JavaScript, CSS3, Bootstrap and AngularJS, Node JS, JSON, JQuery and Ajax.**

SKILL SET

- **Java J2ee:** Core Java, Swing, JDBC, JSP, Servlet, EJB, JMS, RMI, XML, Struts, Hibernate, JPA, spring (Boot/MVC/IOC/AOP/data/Batch/Rest/Security), Apache Axis, SOAP, Restful API.
- **UI:** Java Script, HTML, CSS, Ajax, JQuery, AngularJS, Node JS.
- **Programming Language Knowledge:** C, C++, Go, Groovy, Ruby, Python, Scala, R.
- **OS:** Windows, Ubuntu16.04, Redhat Linux.
- **Groovy and Grails:** SSO, Spring Security, Swaggerdoc, Swartz and Quartz Job and GORM.
- **Application/Web servers:** Jboss, Tomcat, Glassfish, BEA WebLogic, IBM WebSphere.
- **Databases:** H2, DB2, PostgreSQL 9.1, MySQL 5, Oracle 9i/8i/10g/11/g, MS SQL Server 2000/7/14.
- **IDE:** IntelliJ 18, RAD 7.0, Eclipse, Sublime3, Atom, Visual Studio Code, My Eclipse, NetBeans, Jbuilder 4, VisualCafe4, IBM Visual Age for Java2.0, Forte.
- **Architecture & Design:** Enterprise Architecture (UML), java & J2EE Design Patterns, Drool, SOA, EDD, BDD, DDD, WOA, Restful Service Architecture.
- **Methodology:** Agile Scrum/Kanban, XP/TDD/BDD/DDD/ Waterfall / SDLC RUP
- **CI/CD:** Bamboo, Jenkins, Hudson, Teamcity, SonarCube, Cygwin, FileZilla, Winscp, Putty.
- **Build Tools:** Gradle, Maven, and Ant.
- **Configuration Management:** GIT, SVN and CVS.
- **Cloud:** Azure, AWS, Rackspace Cloud Environment, VMware Cloud Environment.
- **Big Data:** Apache Hadoop, Map Reduce, Spark, Mesos.
- **Stream Processing:** Apache Kafka, Storm, Flink, Zookeeper, RabbitMQ.
- **NoSQL:** MongoDB, MarkLogic, Neo4j, Redis, Elastic search, Memcached.
- **WCM/ECM:** Adobe AEM, HP Team site Interwoven.
- **DevOps:** Docker, kubernetes, Sumologic.

QUALIFICATION

- 2007: MCA (Indira Gandhi National Open University New Delhi).
- 2000: E-Business Certification (IBM) Pentasoft Technologies Chennai (Tamilnadu).
- 1999: MBA (S.N.Sinha Institute of Business Management, Ranchi University, Ranchi (Jharkhand).
- 1996: BSc (Science) SMDRSD College Pathankot, Guru Nanak Dev University Amritsar (Punjab).
- 1989: Intermediate (Dwarka Mahavidyalaya Patna (Bihar)
- 1987: Matriculation (MGA Unch Vidyalaya Bhabanbigha, Barbigaha, Shekhpura (Bihar)

Period	Employer	Last Designation
Mar 2019-Till Date	Intelliswift Software India Private Limited Pune	Technical Architect
Oct 2016- Jan 2019	Harman International Limited,Pune	Lead Engineer - Product Development
May 2016 – Jun2016	Cystems Logic Pvt Ltd	Java Lead Consultant
Mar 2015 – Mar 2016	Collabera Inc	Consultant Software Engineering
Nov 2012- Sep 2014	Opus Software Solution Private Limited, Pune	Senior Engineer Development
May 2012-Oct 2012	Aliengena Outsourcing Private Limited, Pune	Senior Java Developer
Oct 2010-April 2011	R Systems International Limited, Pune	Senior Systems Analyst
Mar 2010-May 2010	Zensar Technologies Limited, Pune	Senior Software Engineer
Mar 2003 – Feb 2010	Spoorthy Enterprise Infosolutions, Bangalore	Senior Software Engineer
Sept 2000 – Nov 2002	Lotus Infotech Solution India Limited N Delhi	Software Engineer
Sept 1999 – Mar 2000	NewAge Business System Private Limited N Delhi	Marketing Executive

PROFESSIONAL EXPERIENCE

Client: Affinion Group

Project: Affinion Payment Gateway/Netflix Conductor
Date.

Duration: MAR 2019 – Till

Role: Technical Architect/Intelliswift Inc.

DESCRIPTION: Orchestration of Rest API Services required to service large customer based requirement with unified information in one place. To secure and provide centralized information is important for this arrangement's to use Netflix conductor as orchestration service.

RESPONSIBILITIES:

- Analysis and brainstorming session with team and various stakeholder from affinion group on requirement and technical specification, Prioritization of task, creating use cases and design for the required use of **Netflix conductor**, infrastructure setup on **DevOps** activity.
- Analysis of the specifications and infrastructure, Business and Understanding the new requirements, existing system and identified the independent reusable services find-outs business cases for component.
- Estimation of user story and breakdown it in various task and assigned to team on multiple application. Design and architect on various use cases , work flows, code reviews.
- Netflix Conductor requirement are on **Rest based Work flow, task and events** to control the system.
- Wrapper services written on various framework using **Spring Boot,Java Stream, Rest, ORM, AOP, and RestTemplate**.
- Used **GIT** as source control and Git extension used for committing codes.
- Involved in using **Maven** and **Gradle** to build and deploy the application on ubuntu18.04LTS on AWS EC2.
- DevOps operation requirement as **Docker** .

Environment: Java, J2EE, Spring 4.0, Web Services, XML, Hibernate 4.0, Tomcat , Eclipse, Postgres, Kafka, redis , Maven, Gradle, , Log4j,SLF4J,Ubuntu,Winscp, putty.

Client: Harman connected Services

Project: Harman IOT SDP

Duration: MAY 2018 – JAN 2019.

Role: Lead Engineer Product Development/Harman Connected Services.

DESCRIPTION:

Gather various device level information like sensor, microwave oven, other electronics devices and stored data information from Kafka and Rabbit MQ with different ingestion and stream level performance on data to various output reporting tools BI, mobile and web. Service delivery Platform (SDP) which provide consumer level information to user.

RESPONSIBILITIES:

- Collect new requirements from the Business, technical architect and design an application with Micro Services on User, Device, Rule Engine and Platform support to multiple device level data information.
- Analysis of the specifications provided by the Business and Understanding the new requirements, existing system and identified the independent reusable services.
- Designed and developed new features using **Java/J2EE, spring framework, spring security, spring oauth2, JWT, spring boot, Rest API, RabbitMQ, Wso2, Kafka, Zookeeper, redis, Exception and logging**.
- Created Domain with MongoDB document requirement and MySQL with field and validation.

- Involved in Control Layer, Business Layer, Data Access Layer, Repository, Services and Presentation Layer of the application.
- Application implemented using Spring Boot, Rest, ORM, AOP, and JpaTemplate.
- Used **GIT** as source control and Git extension used for committing codes.
- Involved in using **Maven** and **Gradle** to build and deploy the application.
- Created Application **Property Files** and implemented internationalization, db configuration, messages handling and logging framework.
- Used **Junit** to write repeatable tests mainly for junit testing.
- Involved in complete development of **Agile Development Methodology** and used Kanban intermixed tested the application for every iteration.
- Used **Log4j**, **Slf4j**, **logback** for logging framework and **Controller Advice** to handle global Exception.
- Responsible for setting up from scratch and maintaining automated **CI/CD** Jenkins, Sonar Cube, MySQL8 and Angular CLI with Ubuntu on VMware.
- DevOps operation requirement as **Docker** and **kubernetes** involved for containerization.

Environment: Java, J2EE, JSP, Spring 4.0, Web Services, XML, Hibernate 4.0, Tomcat, Eclipse, MySQL8, MongoDB, Kafka, redis, Maven, Gradle, Junit 4.0, Log4j, SLF4J, HTML5, CSS, JavaScript, JQuery, AngularJS, Multi-threading, Jenkins, SonarCube, AngularCli, Ubuntu, Winscp, putty.

Client: Varian Medical Systems

Project: JDEI Analysis.

Duration: Dec 2017 –Apr 2018

Role: Lead Engineer Product Development/ Harman Connected Services.

DESCRIPTION:

To provide real time data information to medical practitioner in terms of particular cancer patients reports. Streaming the data information from ETL to MongoDB and MS SQL Server for analytical purpose and pass on to dashboard.

RESPONSIBILITIES:

- Analysis and understanding the new requirements, existing system, identified the independent reusable services, and written Junit test.
- Develop rest API with spring framework, hibernate and spring boot with Dao implementation from the information to be **CURD** operated on **Mongodb and MS SqlServer**.
- Kafka topic have been develop for the message and written producer and consumer with the Kafka Template.
- Use zookeeper for the multiple message service block or node **for Kafka producer and consumer** to help build realtime pipeline and **setup streaming platform**.
- Developed a multithreading environment for **bulk and batch upload of data ingestion to Mongodb**.
- Customized exception handling with **Controller Advice** and logger mechanism with slf4j, and logback.
- Setup **Jenkins and Teamcity** on windows and Linux with azure.
- Setup **Docker and kubernetes** on Azure cli support.
- Created Junit5 unit test cases for existing application.

Environment: J2se8, collection, Spring Rest, Apache Kafka, Apache Spark, Spring Framework, Spring boot, Microsoft Azure, Kubernetes, Docker, Jira, confluence, Teamcity, MS SQL Server 2014, MongoDB, Git, maven.

Client: Dodge Data analysis (construction.com)

Project: DE-Microservices (Content Enrichment Orchestration).

Duration: Aug 2017 –Nov 2017

Role: Lead Engineer Product Development/ Harman Connected Services.

DESCRIPTION:

The various multiple application works on data engineering side for construction firm

RESPONSIBILITIES:

- Analysis of the specifications provided by the client and Understanding the new requirements and identified the independent reusable services and various component responsible for usability.
- Designed and developed Application based on **Spring Framework, Hibernate, WebServices and Junit**.
- Integrating **GATE API calls in JAVA API** for Enrichment.
- Retrieval of XML Spec from PNR Oracle Database using spring batch.
- **Amazon S3** file download by spring batch Cloud.
- CRUD Operation MicroService for Enrichment file maintenance Generic JAXB Parser, converting XML to Java Model & unmarshalling.

- Retrieval Micro Service for Enrich Content from Mongo DB. Crud Operation MircoService for Enrich Content to Mongo DB.
- Orchestration job for SQS writer when condition meet with oracle queries.
- Responsible for **Jenkins setup** and build and log analysis for overall application developed with **sumologic**.

Environment: J2se8, collection, Oracle, MySQL, Mongoddb, Marklogic, Tomcat 9, GIT, Hibernate, Spring Framework, Spring boot, batch, Jenkins, Amazon AWS S3, SQS, Sumologic, maven, Gradle, , Restful web Services, Bitbucket, Jira, confluence.

Client: Dodge Data analysis (construction.com)

Project: DE-Microservices (Quickbase/FOX/MSG/GPD/API/PHL).
2017

Duration: Jan 2017 –Jul

Role: Lead Engineer Product Development/ Harman Connected Services.

DESCRIPTION:

The various multiple application works on data engineering side for construction firm.

RESPONSIBILITIES:

- Effectively interacted with team members and business users or stakeholder from different regions for requirements capture and Analysis transform it into **Design Architecture document**.
- Created the technical documentation including **the requirement specs, Design Architecture, the LLD and unit test cases** initially and the extended as per requirement.
- Worked with **groovy as language platform and grails as web framework**, designed around DDD.
- Quickbase and Fox are two new microservices to be developed around **various grails plugins spring, hibernate, spring security, GORM, Swaggydoc**, quartz and email.
- Design entity based DDD structure and GORM, DAO, service packages with exception and logging handling
- Worked on Integration test and junit test for the various microservices.
- **Setup bamboo build** for various micro services enhancement.

Environment: J2se8, collection, HTML, Java Script, CSS, Grails, Groovy Restful web Services, Bitbucket, Jira, confluence, Jenkins, Oracle, MySQL, Mongoddb, Marklogic Tomcat 9, GIT, Hibernate, Spring Framework, Gradle, Grails Plug-in, Amazon AWS S3.

Client: Dodge Data analysis (construction.com)

Project: DE-Microservices (Planroom pro).

Duration: Oct 2016 –Dec 2017

Role: Lead Engineer Product Development/ Harman Connected Services.

DESCRIPTION:

Planroom Pro as an application looks for the data analytics of Construction business product on various service format like SpecShare, buildshare marketshare etc.

RESPONSIBILITIES:

- Effectively interacted with team members and business users or stakeholder from different regions for requirements capture and Analysis transform it into Design Architecture document.
- Groovy and grails environment intensive platform.
- Build set up with bamboo for various microservices enhancement.
- Participated in designing phase and was involved in drawing **Sequence diagrams, State Diagrams, Class Diagrams**.
- New microservices developed around **various grails plugins spring, hibernate, spring security, GORM, Rest API, Swaggydoc, quartz , job scheduler, and email**.
- Worked on Integration test and Junit test for the various microservices.
- **Build set up with bamboo** for various micro services enhancement.

Environment: Java, collection, HTML, Java Script, CSS, Groovy, Grails, Restful web Services, Bitbucket, Jira, confluence, Jenkins, Oracle, MySQL, Mongoddb, Marklogic Tomcat 9, GIT, Hibernate, Spring Framework, Gradle, Grails Plugins.

Client: Adidas Germany/Spain

Project: Adidas Footwear Costing Tool

Duration: May 2016 –Jun 2016

Role: Java Lead Consultant/ Cystemslogic India private ltd.

DESCRIPTION:

Footwear costing tool is an application, which has designed to relate cost breakdown document at model level. It can search different product view bill of material price at BoM level Display cost summary Bill of labor and treatment for the display of costing for each component of make.

RESPONSIBILITIES:

- Responsible for creating of **Action classes, JSPs, Model** classes.
- Configured **Spring Framework** to implement MVC design patterns.
- Worked on **Hibernate** object/relational mapping according to database schema.
- Implemented cache mechanism with **hibernate and EHcache**.
- Developed and enhanced applications functionality by writing business logic of controllers, services and DAO layers for different modules.
- Applications Version controlling was accomplished using SVN.
- Built project using Apache Maven and Jenkins build scripts.
- Performed application level logging using log4j for debugging purpose and customized exception handling.

Environment: Java, collection, HTML, Java Script, CSS, Angular JS,Bower, Gulp,Node.js, Restful web Services, Tomcat 9, GIT, Hibernate, Spring Framework.

Client: MasterCard

Project: MasterCard Priceless Causes.

Duration: Nov 2015 –Mar 2016

Role: Consultant Software Engineering/ Collabera Inc.

DESCRIPTION:

Priceless cause launch for donation throughout world, countries based on charities to help underprivileged and deprived people to improve life. To manage a big application overall working through SDLC area and designing and developing cloud environment for Dev, QA and Production Environment.

RESPONSIBILITIES:

- Worked on java based content management system AEM6.1 for components and component versions authoring and package deployment on Sling Server.
- Design application requirement in terms of workflows and on design pattern, use cases, class diagram, sequence diagram, state diagram.
- Involved in the design and implementation of the architecture for the application using OOAD, UML design patterns and Created Bean Classes, Delegator Classes, Dao Classes, Service Classes, Util Classes, and controller.
- Used **Spring JdbcTemplate for Data Access**.
- Used Spring AOP for transaction and Rest API with spring.
- Followed Agile Scrum development methodology by coordinating with product owner, development team, QA, Content and UI with Onsite team.
- Developed Action class and Action Form for business logic with support of spring framework and Presentation.
- Data Operations performed using Spring **ORM wiring with Hibernate** and Implemented **Hibernate Template and criteria REST API** for Querying database.
- Involved in design and development of server side layer using XML, JSP, JDBC, JNDI, EJB and DAO patterns using Eclipse IDE.
- Extensively used JavaScript to provide dynamic User Interface and for the client side validations.
- Extensively used Spring MVC architecture for the application development.
- Designed rich user interface application using AJAX, Java Script, CSS, and HTML.

Environment: J2se7, Adobe AEM, JSP, Servlet, HTML, Java Script, CSS, Apache Sling, Restful, Jboss5, SVN, GIT, Hibernate, Spring, bamboo, component ESB . Cloud with VMware. Admin and development.

Client: MasterCard

Project: MasterCard Brand Center.

Duration: Sept 2015 –Nov 2015

Role: Consultant Software Engineering/ Collabera Inc.

DESCRIPTION:

WSC various application to manage a big application.

RESPONSIBILITIES:

- Worked on java based content management system HP Team Site.

- Design application requirement in terms of workflows and on design pattern, use cases, class diagram, sequence diagram, state diagram.
- Involved in the design and implementation service and controller.
- Used Spring JdbcTemplate for Data Access.
- Followed Agile Scrum development methodology by coordinating with product owner, development team, QA, Content and UI with Onsite team committed and deploy codebase to repository.
- Developed Action class and Action Form for business logic with support of spring framework and Presentation.
- Data Operations with Spring ORM wiring with Hibernate and Implemented Hibernate Template and criteria REST API for querying database.
- Involved in design and development of server side layer using XML, JSP, JDBC, JNDI, EJB and DAO patterns using Eclipse IDE.

Environment: J2se7, HP Interwoven Team Site, HTML, Java Script, CSS, Jsp, Servlet, Apache 2 HTTP Server, Restful, Web Sphere Application server 6, 7, Jboss4, SVN, GIT, Struts, Hibernate, Spring, Offer Platform, Admin and development.

Client: MasterCard

Project: MasterCard Priceless Causes.

Duration: Jul 2015 –Aug 2015

Role: Consultant Software Engineering/ Collabera Inc.

DESCRIPTION:

Priceless cause launch for donation throughout world-included countries based charities to help underprivileged and deprived people to improve life. To manage a big application overall working through SDL area and designing and developing loud environment for Dev, QA and Production Environment.

RESPONSIBILITIES:

- Worked on java based content management system AEM6.1 for components and component versions authoring and package deployment on Sling Server.
- Design application requirement in terms of workflows and on design pattern, use cases, class diagram, sequence diagram, state diagram.
- Involved in the design and implementation of the architecture for the application using OOAD, UML design patterns and Created Bean Classes, Delegator Classes, Dao Classes, Service Classes, UTIL Classes, and controller.
- Used Spring Jdbc Template for Data Access.
- Used Spring AOP for transaction and Rest API with spring.
- Followed Agile Scrum development methodology by coordinating with product owner, development team, QA, Content and UI with Onsite team.
- Developed Action class and Action Form for business logic with support of spring framework and Presentation.
- Data Operations performed using Spring ORM wiring with Hibernate and Implemented Hibernate Template and criteria REST API for Querying database.
- Involved in design and development of server side layer using XML, JSP, JDBC, JNDI, EJB and DAO patterns using Eclipse IDE.
- Extensively used JavaScript to provide dynamic User Interface and for the client side validations.
- Extensively used Spring MVC architecture for the application development.
- Designed rich user interface application using AJAX, Java Script, CSS, and HTML.

Environment: J2se7, Adobe AEM, Jsp, Servlet, HTML, Java Script, CSS, Apache Sling, Restful, Jboss5, SVN, GIT, Hibernate, Spring, bamboo, component ESB and EOP. Cloud with VMware. Admin and development.

Client: MasterCard

Project: MasterCard Priceless Cities.

Duration: Mar 2015 –Jun 2015

Role: Consultant Software Engineering/ Collabera Inc.

DESCRIPTION:

Priceless cities launch overall world their offering to customer directly with the help of service provider client, Rackspace infrastructure establishment and managing development.

RESPONSIBILITIES:

- Worked on java based content management system AEM6.1 for components and component versions authoring and package deployment on Sling Server.
- Design application requirement in terms of workflows and on design pattern, use cases, class diagram, sequence diagram, state diagram.
- Involved in the design and implementation of the architecture for the application using OOAD, UML design patterns and Created Bean Classes, Delegator Classes, Dao Classes, Service Classes, UTIL Classes, and controller.
- Used Spring Jdbc Template for Data Access.
- Used Spring AOP for transaction and Rest API with spring.
- Followed Agile Scrum development methodology by coordinating with product owner, development team, QA, Content and UI with Onsite team.
- Developed Action class and Action Form for business logic with support of spring framework and Presentation.
- Data Operations performed using Spring ORM wiring with Hibernate and Implemented Hibernate Template and criteria REST API for Querying database.
- Involved in design and development of server side layer using XML, JSP, JDBC, JNDI, EJB and DAO patterns using Eclipse IDE.
- Extensively used JavaScript to provide dynamic User Interface and for the client side validations.
- Extensively used Spring MVC architecture for the application development.
- Designed rich user interface application using AJAX, Java Script, CSS, and HTML.

Environment: J2se7, Adobe AEM, Jsp, Servlet, Apache Sling, Restful, Jboss4, GIT, Hibernate, spring, component ESB and EOP. Cloud with Rackspace. Admin and development of various services.

LIST OF PAST PROJECTS

- **EMERALD** - Opus Software Solution Private Limited Pune **Client** Western Union USA.
- **Real Time Risk Analysis**- Opus Software Solution Private Limited Pune **Client** Western Union USA.
- **WUCSSA-UCD** - Opus Software Solution Private Limited India Pune **Client** Western Union USA.
- **DriversFiles** - Aliengena Outsourcing Private Limited India Pune **Client** Net Radius USA.
- **Trade Sanction Capture Application (TSCA)** - Rsystems International limited **Client** Barclays UK.
- **Investec Proactive** – Zensar Technologies Pune Client Investec South Africa.
- **Business Quantum Integrator** – Spoorthy Enterprise Infosolution Bangalore **Client** SISL Bangalore.
- **Financial Trade Equilibrium** –Spoorthy Enterprise Infosolution Bangalore **Client** GEISINDIA Bangalore.
- **FCI eCatalogue** – Spoorthy Enterprise Infosolution Bangalore Client SISL Bangalore.
- **Aglient Epsg System** – Spoorthy Enterprise Infosolution Bangalore **Client** SISL Bangalore.
- **AnetSafe** – Spoorthy Enterprises Infosolution Bangalore **Client** GEISINDIA Bangalore.
- **People Choice Home Loan** – Spoorthy Enterprises Infosolution Bangalore **Client** GEISINDIA Bangalore.
- **Retail Finance Suite** - Spoorthy Enterprise Infosolution Bangalore **Client** SISL Bangalore.
- **Payment Delivery System** – Spoorthy Enterprise Infosolution Bangalore **Client** SISL Bangalore.