

Abhishek Bhaskara  
Sr. Java Full Stack Developer  
(515) 309-2732 | [abhishekbhaskara6@gmail.com](mailto:abhishekbhaskara6@gmail.com)

## **PROFESSIONAL SUMMARY:**

- With over **8 years** of IT experience in analysis, design, development and deployment of various Client/Server Applications, Web Based Applications using **Java, J2EE Technologies, Object oriented programming Concepts, Database administration and in various domains.**
- Designed, Developed, Tested Implementation & Post Production support using development methodologies like **Waterfall, Agile/Scrum, TDD, SDLC.**
- In depth knowledge on core Java concepts such as **OOPS, Collections, Threading, Generics, Exception handling, Thread pools, Execution services, File IO and Serialization.**
- Good experience on SOA architecture and web services (**SOAP, WSDL, UDDI**) using **Apache Axis2 and RESTful** web services in java with **JAX-RS** reference implementation **Jersey.**
- Strong hands experience developing applications using **Spring Framework, Spring Core, Spring IOC, Spring MVC, Spring ORM, Spring DAO, Inversion of control and Dependency Injection.**
- Developed many applications using Type safe technologies like **Scala, Akka model, Play framework.**
- Experienced in UI frameworks such as **JQuery, Google Web Toolkit (GWT), JavaScript, Node.js, Angular.js, Angular 2, Angular 4, ReactJs, VueJS, Tag Libraries and Custom Tags.**
- Expertise in designing and developing Web-centric applications using **XML, XSD, JSON, Ajax, JQuery, JavaScript, CSS3, HTML5 and Bootstrap.**
- Implemented various **Ajax Frameworks** such as **DOJO, JSON** while designing various integration components using **JMS and MQ Series.**
- Focused on **Amazon Web Services (AWS)** services like **EC2, Elastic Beanstalk, Cloud Watch, Cloud Front, Cloud Formation, IAM, S3, RDS, ElastiCache, SNS, SQS, AMI.**
- Deployed applications into **Docker** container using cloud services like **AWS, Netflix Eureka, Spring Hystrix** as fallback method, **Spring Ribbon** for load balancing and a broker service to maintain status using **Spring Kafka and Zookeeper.**
- Experience in **Microservices, Pivotal Cloud Foundry** and Engagement using **Spring Boot.**
- Experience in database modeling, design and development of **PL/SQL** stored procedures, packages in relational databases: **Oracle 9i / 10g / 11g, SQL Server 2005/2008, DB2, and MySQL.**
- Experience in Middleware persistence frameworks like **Hibernate/JPA** Entities for mapping Java classes using **Hibernate Query Language (HQL), HSQL Named Queries, Criteria, Projections.**
- Developed cross platform server-side applications using **Node.js & React.js** to achieve scalability in real-time.
- Strong experience with development and migrations from **SQL** relational databases to **NoSQL** databases

like **MongoDB**, **Cassandra** and **CouchDB**.

- Good exposure with using **IDE** tools **NetBeans**, **Eclipse**, **IntelliJ**, configuring and deploying the applications on **Apache Tomcat**, **IBM WebSphere**, **Oracle WebLogic** and **Red Hat JBoss Servers**.
  - Experience in testing with **JUnit** Framework using **Mockito** and **Easy Mock & Spring Junit Runner**.
  - Experience in Integration tools like **Oracle SOA Suite**, **web-methods** and **Apache CAMEL**.
  - Developed **CI/CD** system with **Jenkins** on **Kubernetes** container environment utilizing **Kubernetes**.
  - Responsible for working a queue of **JIRA** tickets to address system issues, user requests, etc.
  - Experience with build tools like **Ant**, **Maven**, **Gradle** and Logging tools like **Log4J** **SLF4J** and **Splunk**.
  - Worked with persistence mechanisms and **APIs** like **JPA**, **JDO (Java Data Objects)**, **EJB**, **iBatis**.
  - Involved in writing **XML** documents and building scripts using **Linux/Unix**.
  - Excellent communication, interpersonal and analytical skills and a highly motivated team player with the ability to work independently.
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## TECHNICAL SKILLS:

<b>Java/J2EE Technologies</b>	Servlets, JSP, JSTL, JDBC, JMS, JNDI, RMI, EJB, JFC/Swing, AWT, Applets, Multi-threading, Java Networking.
<b>Programming Languages</b>	Java JDK 1.4/1.5/1.6/1.7/1.8, SQL, PL/SQL, Python, Scala, GoLang
<b>Application/Web Servers:</b>	Oracle/BEA, WebLogic 8.1/9.1/10.3, IBM WebSphere 5.1/6.0/6.1/7.0, Jboss, Tomcat 5.0.28/6.0, Jenkins, Cucumber.
<b>IDEs</b>	Eclipse, Spring STS, IntelliJ, NetBeans.
<b>Web technologies</b>	HTML5, CSS3, XHTML, JavaScript(+ES6), TypeScript, Ajax, JQuery, AngularJS, Angular 2, Angular 4, ReactJS, NodeJS, Socket.io, ExpressJS, JSON, Swagger UI, Bootstrap.
<b>AWS Skills</b>	EC2, S3, RDS, EBS, IAM, AMI, ELB, CLI, SNS, RDS, VPN, NAT, GIT, DNS, Route53, DBA, Dynamo DB.
<b>Web Services</b>	JAX-WS, JAX-RPC, JAX-RS, SOAP, REST, SOAP UI, Microservices.
<b>Methodologies</b>	Agile, Scrum, RUP, TDD, OOAD, SDLC, Waterfall model.
<b>Modeling Tools</b>	UML, Rational Rose
<b>Message Brokers</b>	Kafka, RabbitMQ, ActiveMQ, IBMMQ, TIBCO
<b>Testing technologies/tools</b>	JUnit, JMeter, Mockito.
<b>Database</b>	Oracle 8i/9i/10g/11G, DB2, SQL Server 2008, MySQL, MongoDB, Cassandra.

<b>Big Data Tools</b>	Hadoop, Spark, MapReduce, HDFS, HBase, Zookeeper, Hive, Sqoop, Cassandra, Flume, Couchbase, MongoDB, Neo4J, Redis, MLlib.
<b>Version Control</b>	SVN, Git, Stash.
<b>Build Tools</b>	ANT, Maven, Gradle.
<b>Spring Tools</b>	Spring MVC, IOC, AOP, JDBC, JTA, IO, Spring Boot, Spring Micro services, Spring REST, Spring Eureka, Swagger UI, and Spring Zuul.
<b>Platforms</b>	Windows 10/7/2000/98/95/NT4.0, LINUX, UNIX.

## **PROFESSIONAL EXPERIENCE:**

**Client: International Business Machines (IBM) – Southbury, CT**

**Jan 2017 to Present**

**Role: Sr. Full Stack Java/J2EE Developer**

**Description:** Blue Audit is a solution based on IBM Blockchain for the management of inter-company agreements in various organizations. An ICA, inter-company agreement, is established whenever there is an exchange of services between different departments of the same organization, but which are located in different countries. As these exchange crosses the boundaries of tax jurisdictions, concerned departments belong effectively to two different organizations which have their own ledger to account for the flow of services/labor. These ledgers need to be constantly kept aligned.

### **Responsibilities:**

- Involved in the complete **Software Development Life Cycle (SDLC)** such as Design, Analysis, Development and Testing of the System Use Cases based on the functional requirements.
- Involved in Daily **Scrum (Agile)** meetings, Sprint planning and estimation of the tasks for the user stories, participated in retrospective and presenting Demo at end of the sprint.
- Developed several reusable directives using **Angular 2** and moved existing AngularJS controllers and services to **Angular 4** components for more responsive and less dependency.
- Created **UI** applications using **Angular2** integrating with REST API's built on **Spring Zuul Microservices**.
- Used most of the new features of **Java 8** like **lambda expressions** for communicating between business layer and database, stream API for Bulk Data Operations on Collections using both streams and parallel streams.
- Implemented **J2EE design patterns** like **Model View Controller (MVC)**, **Singleton**, **Factory**, **Data Access Object (DAO)**, **Data Transfer Object (DTO)** and **Service Locator**.
- Implemented fail safe and circuit breaker patterns in **Spring Boot Microservices** applications using **Hystrix**, configured **Swagger-UI** to registered **Microservices** with **Eureka server** and monitored service health check from **Spring Boot** admin console and **Spring Ribbon** for load balancing.

- Implementing and exposing the **Microservices** architecture with **Spring Boot** based services interacting through a combination of **REST** and **Apache Kafka** message brokers.
- Working on **Microservices** with **Spring Cloud** using **Netflix Eureka**, **REST** and **Netflix Feign Client**.
- Involved in speeding up Existing Applications with a Cache services using **Redis Cache**.
- Developed **Python** Object Oriented Design code for logging and debugging code optimization.
- Designed and developed the Database tables and Stored Procedures, functions, triggers using **SQL, PL/SQL**.
- Worked on **Splunk DB** Connect APP to load the data into **Splunk** from the **Oracle Database**.
- Implemented **Spring ORM** with **Hibernate** using features like Annotation metadata, Auto Wiring and Collections to implement **DAO** layer with **Hibernate Session Factory**, **HQL** and **SQL**.
- Configured **Cassandra** clusters and key spaces on RHEL Openstack and installed **Apache Spark**.
- Monitored **Pivotal Cloud Foundry** infrastructure including network systems logs on daily basis to ensure the entire system was operating at an optimum level, identify technology gaps/risks early and establish mitigation plan.
- Designed and deployed a multitude application utilizing almost all the **Amazon Web Services (AWS)**, like **EC2**, **Elastic Beanstalk**, **Elastic Search**, **Cloud Watch**, **Cloud Front**, **Cloud Formation**, **IAM**, **S3**, **RDS**, **ElastiCache**, **SNS**, **SQS**, **AMI** and **Dynamo DB** for high-availability and fault tolerance.
- Worked on real-time streaming using **AWS Kinesis** and **Event Driven Design** using **AWS Lambda**, while Auditing and Logging using **AWS CloudWatch** and **AWS CloudTrail**.
- Used **Docker** across various infrastructure while implementing **Docker** orchestration tools and writing **Maven** project for **Docker** auto deployment.
- Worked with **GIT** repository to manage project for Continuous Integration deployment, automating build and tests using **Jenkins**, and **Maven**.
- Created various Parser programs to extract data from **Autosys**, **Tibco Business Objects**, **XML**, **Java** and **Database** views using **Scala**.
- Worked with **Ansible** to manage Web applications, configuration Files, Users, Mount points and Packages.
- Troubleshooting issues that may occur during the test cycle (Functional & load test) for the **J2EE** applications on **Spring framework** running on **JBOSS** servers.
- Worked with several testing frameworks such as **JUnit**, **Easy Mock**, **Mockito** and **Power Mock**.
- Designed a Multi-Tier distributed Enterprise applications using **GoLang** and object-oriented programming.
- Created Test automation framework using **Cucumber** and **Selenium web driver**.

**Environment:** Java 8, J2EE, Spring, Web services, Microservices, Swagger, Spring Zuul, Restful, Pivotal Cloud Foundry, Kafka, Redis Cache, JUnit, Spring Cloud, Netflix Eureka, Netflix Feign Client, AWS, Cassandra,

Python, JavaScript/ES6, Bootstrap, Angular 2, Maven, AJAX, XML, XSLT, Java Beans, Design Patterns, Log4j, Agile, GoLang, Docker, JBoss, Ansible, Spark, Cucumber.

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**Client: Automatic Data Processing - Stamford, CT**

**Jul**

**2015 – Dec 2016**

**Role: Sr. Full Stack Java Developer**

**Description:** Automatic Data Processing, Inc. ADP is one of the largest providers of business processing and cloud-based solutions. The objective of the project TMS stands for Talent Management Suite was to develop a web-based application using JEE technology providing integrated enterprise solutions, performance, compensation and learning management systems for the employer.

**Responsibilities:**

- Worked in an **Agile methodology** environment with Content Management system for workflow management and content versioning.
- **UML** diagrams like class diagrams, interaction diagrams (sequence and collaboration), use cases and activity diagrams were used.
- Created the Application using **React.JS** and **Node.js** libraries **NPM**, **gulp** directories to generate desired view and flux to root the URL's properly.
- Used rich user interface with **CSS3** and **AJAX** calls along with pseudo elements, transformations and gradients.
- Implemented **Java EE** components using **Spring IOC**, **Spring Transactions** and **Spring Security** modules.
- Used **Apache Mesos** and **Kubernetes** to deploy and manage **Microservices**.
- Defined and constructed layers, server-side objects and client-side interfaces based on J2EE design patterns. **RESTful** web services using Jersey for **JAX-RS** implementation.
- Tested **REST** services using google chrome's **POSTMAN** plugin.
- Consumed messages from **JMS** beans and **Active MQ**, integrated **Active MQ** services with **Beans**.
- Developed **Hibernate** classes to retrieve and save data using **Spring framework** manager classes.
- Developed views and templates with **Python** and **Django's** view controller and templating language to created user-friendly website interface.
- Used **Jenkins** as an **AWS** code deploys plug-in to deploy to **AWS**. Experience with **DevOps** methodologies, implementing **CI/CD** Pipelines using tool sets like **GIT**, **Jenkins**, **Chef** and **AWS**.
- Deployed **Docker** contained **Spring Boot Microservices** in to **AWS EC2** container service using **AWS** admin console and used lambda to run applications in **AWS** console.
- Worked on Camel-based integration middle-ware solution for provisioning Services by design and the Implementation of business logic and data processing routes using **Apache Camel**.

- Wrote **PL/SQL** queries, stored procedures for applications to execute as part of a scheduling mechanisms.
- Implemented **Hibernate** concepts such as **lazy loading**, **dirty bit checking**, **optimistic locking** and **transactions**.
- Written variety of filter queries in **MongoDB** to retrieve **JSON** data and passed to service layer.
- Wrote various types of Business rules in the. **drl (drools file)**, **ece (expectation files)** Templates using **Drools** rule engine for injecting beans into the rules engine and invoking Rule Base Stateless Session.
- Updated legacy **ANT** build infrastructure to new **Gradle** based build system, enabling more robust test, build and release procedures.
- Used **Git** for version control and **JIRA** for bug tracking, project management.
- **Log4J** is used for logging purposes and debug levels are defined for controlling what we log.
- Expertise on **Selenium Data Driven framework** and integrating it with **Maven** (Build Management Tool), **TestNG** (Unit Testing tool) and **Jenkins** (Continuous Integration Tool).
- Involved in deploying and managing Session **Bean EJB** on **JBoss** server and handled **WAR** files on **Tomcat server**.
- Creating and updating documentation relating to many aspects of **Linux/Unix** systems administration work flow.
- Worked with **Splunk** to logging and analyzing defects status.

**Environment:** Java 8, J2EE, Spring, Web services, Microservices, Restful, POSTMAN, Apache Camel, Drools, Python, Active MQ, JMS, JIRA, JUnit, Spring Cloud, AWS, Apache Camel, MongoDB, JSON, HTML5, CSS3, Python, JavaScript, Bootstrap, JQuery, Angular, Maven, AJAX, JQuery, ANT, Gradle Java Beans, Design Patterns, Linux/Unix, JBOSS, Agile Methodology, Devops, Docker, Splunk, Kubernetes.

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**Client:** State of Maine - Augusta, ME

**Aug**

**2014 – Jun 2015**

**Role:** Java/J2EE Developer

**Description:** Automated Client Eligibility System- This project was designed and developed for the people of Maine to receive benefits from the state. ACES are used by certified workers to determine person's eligibility to receive benefits from the state like cash, medical and basic food assistance. Electronic Benefits Transfer (EBT) and Doc Imaging are the two modules of ACES which deals with funds transfer and recovery according to client eligible programs.

**Responsibilities:**

- Experienced with Software Development Life Cycle (**SDLC**) with object oriented of business process and worked on developing **Service oriented architecture (SOA)** applications in **Agile** development environment.
- Worked on business components using core **Java** concepts and classes like **Inheritance, Polymorphism, Collections, Serialization** and **Multithreading**.
- Developed various Web Services like **SOAP/HTTP, SOAP/JMS** and **SMTP** using **SOA** technologies such as **SOAP, WSDL** and **UDDI**.
- Developed presentation layer includes **UI** components, validations using **HTML5, applying styles** with **CSS** while using **JQuery** to make **Ajax** calls.
- Developed a dashboard based on **Ajax** calls with Business Customers Count, Flags, Real-time graphs for Analytical Reporting using **NodeJS**.
- Used **ReactJS** to create views to hook up models to the **DOM** and synchronize data with server as a **SPA**.
- Used **Jackson** Custom Mappers for Custom manipulation for date, currency conversations on **JSON** Data.
- Developed **POJO** objects and used **Hibernate** as the **Object-Relational Mapping (ORM)** tool to access the persistent data from **SQL** Server.
- Build **PL/SQL** functions, stored procedures, views and configured using **Oracle Database 10g**.
- Deployed applications on **Web Logic** Application Server and performed required configuration changes.
- Used **JIRA** for bug tracking, project level issue tracking and environmental issue tracking.
- Prepared Unit test case using **JUnit** and used **Jenkins** for continuous integration testing.
- Used **Git Hub** extensively as versioning tool and used **Maven** for automated building of projects.

**Environment:** Java, J2EE, SOA, JSON, ReactJS, NodeJS, AJAX, Spring, EJB, Hibernate, IntelliJ, Angular, Oracle 10g, PL/SQL, XML, HTML5, CSS3, JavaScript, Bootstrap, SOAP, Maven, JUnit, JIRA, Jenkins, GIT.

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**Client:** JP Morgan Chase - Dallas, TX

**Oct 2013 – Jul 2014**

**Role:** Java/J2EE Developer

**Description:** JP Morgan Chase is a global security, investment banking and retail banking firm. Deal manager is an enterprise level application made for corporate clients unlike most of the retail banking products. This application is used to sell products and also to keep every record of it. Deal Manager is responsible for establishing a platform for enrollment of Clients, selling products, billing and serving as a repository of previous sales, clients, products and requests.

**Responsibilities:**

- Involved in various phases of **Software Development Life Cycle (SDLC)** such as requirements gathering, analysis, design, development, testing and production environments.
- Worked on **Agile** Development Methodology using **Scrum** concepts.
- Well versed with core Java concepts like **Collections, Swing, Serialization, Generics and Exception Handling**.
- The front-end **JSP** pages were developed using the **Struts** framework and were hosted in a **J2EE** environment on an **Apache Tomcat Server**.
- Used **XML** Web Services using **SOAP** protocol to transfer the amount to other application that is remote and global to different financial institutions, used **SOAP UI** for web service testing.
- Developed services that are reusable and interoperable, based on **SOAP, WSDL, JAXWS, JAXRPC** Web services.
- Used Spring Data Framework to use the features of Spring **JDBC** and **Spring ORM** classes like **JDBC Template** and **Hibernate** Template to perform the database operations by connecting to Data sources available.
- Developed real time tracking of class schedules using **NodeJS (Socket.io, ExpressJS framework)**.
- Used **ANT** for compilation and building JAR files, used **SVN** version control tool.
- Worked on **JUnit** for creating test cases for all the Business Rules and the application code.

**Environment:** Java, JDBC, Struts Framework, Scrum, JSP, XML, ANT, NodeJS, Hibernate, EJB, SOAP, JUnit, ANT, SVN, Struts, Apache Tomcat Server.

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**Client:** Capital One - Richmond, VA

**Nov**

**2011 – Sep 2013**

**Role:** Java/J2EE Developer

**Description:** This project deals with Loan Department, where they will issue loans to the borrowers based on collateral Status before issuing the loan checks that whether that collateral is insured are not through third party agencies and checks whether borrowers is paying tax properly for that collateral are not with the help of third-party agency.

**Responsibilities:**

- Responsible for gathering requirements from the client business unit by participating in design discussions and implementation feasibility analysis with business analysts at all levels.
- Involved in preparing the High Level and Detail level design of the system using **J2EE**.
- Designed the Web Application using **Spring MVC** pattern to make it extensible and flexible.
- Used **Struts** framework along with **JSP, Servlets, HTML, CSS, Bootstrap, JQuery** and **JavaScript** to construct dynamic web pages.



- Performed validation for both client and server side with the help of **Struts** Validation Framework.
- Developed configuration files, mapping files and Annotations to map the **POJOs** to **DB** tables managing associations and classes specific to the **Spring** and **Hibernate**.
- Deployed components on **Apache Tomcat web server**.
- Developed code for **Action Servlet, Request Processor, Action classes** by extending **Struts** package and involved in Struts configuration.
- Created **XML Schema, XML template and XSL**, developed **Web Services** application using **SOAP**.
- Used **Rational Clear Case** for version control and **JUnit** for unit testing.

**Environment:** Java 5, JDBC, Struts, JQuery, JSP, HTML, CSS, Servlets, SOAP, Eclipse, Ajax, JUnit, Hibernate, Tomcat Web Server, Rational Rose 98.

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**Client:** Validus Healthcare - India

**Jun**

2010 – Oct 2011

**Role:** Jr. Java/J2EE Developer

**Description:** This Logistics Application provides various services to the hospitals to maintain customer details, registration to discharge, and pharmacy to ambulatory care, integrated accounting functions, integrated Tele-ECG and DICOM, NABH Reporting. Application has the ability to modify, save and email customer reports. Through Validus Health, customers can store and get all Health-related information.

#### **Responsibilities:**

- Involved in preparation of functional definition documents and in the discussions with business users, testing team to finalize the technical design documents.
- Used **Web services (SOAP)** for transmission of large blocks of **XML** data over **HTTP**.
- Wrote **JSPs, Servlets** and deployed them on **WebLogic** Application server.
- Worked on writing Selection Criteria codes to be reused in various functions interacting to **database**.
- Used **Oracle database** as backend database and wrote various **SQL** queries to update and create database tables.
- Accessed stored procedures and functions using **JDBC** Callable statements.
- Involved in development of User Interface using **XSLT, HTML, JavaScript, Ajax, DOJO** and **JSTL**.
- Used **Java Messaging Services (JMS)** for reliable and asynchronous exchange of important information such as generating report.
- Developed Ant scripts and developed builds using Apache **ANT**.
- Used **Log4J** to capture the log that includes runtime exceptions.
- Used **Clear Case** for source code maintenance.
- Enhanced the Web Application using **Struts**.

- Developed Unit test cases using **JUnit**.

**Environment:** Java 4, JDBC, JMS, Struts, JQuery, JSP, Oracle database, Servlets, ANT, HTML, CSS, XSLT, Servlets, SOAP, Ajax, DOJO, XML, JUnit, Clear Case, Log4j.

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