**Prashanth Kumar**

**PROFESSIONAL SUMMARY:**

* **Around** 9+years of Full Stack development experience with **Java/J2EE** and Object-Oriented Methodologies for a wide range of development from Enterprise applications to web-based applications.
* Expertise in UI Design and Development using **HTML5**, **CSS3 (SASS, LESS), JavaScript (ES5/ES6/ES7), Bootstrap,** and **AJAX** that follows **W3C** Web standards and successfully manages all application development facets.
* Strong experience in the design and development of multi-tier applications utilizing **Java, Servlets, Struts, JSP**, **JSF**, **XML**, **SOAP JNDI, JDBC**, **Web Services, Hibernate,** and Spring Framework.
* Extensive experience in modern front-end template frameworks for **JavaScript** - Including **Bootstrap, JQuery, Angular JS, Angular 2.0/4.0/6.x/7, React JS.**
* Hands-on experience with Integration Frameworks like **Apache Camel.**
* Experience working with various Software Development Life Cycle **(SDLC)** methodologies based on **Agile, Scrum, Waterfall Model, and Iteration.**
* Expertise in design and development of various web and enterprise-level applications using Java/J2EE technologies Such as Spring, Hibernate, Struts framework, EJB, Servlets 3. x.
* Solid understanding of **React Virtual DOM** Algorithm, for React performance optimization.
* Experience in Core Java concepts such as **OOP Concepts**, **Collections Framework, Exception Handling, I/O Systems**, **Multi-Threading, JDBC**, and **Algorithms.**
* Managed application deployments into **Kubernetes** clusters across different environments like dev, test, staging, and production.
* Developed Micro services on cloud platform Red Hat OpenShift
* Good experience in messaging with REST-based and Event-driven using **Kafka**, **JMS** for **pub/sub** model, and point-to-point communication.
* Worked with DEVOPS team to setup OpenShift cloud formation templates.
* Worked in container based technologies like Docker, Kubernetes and Openshift.
* Valuable experience in designing and developing business applications with technologies such as core and advanced Java technologies Java, **J2EE**, Servlets, JSP, **JavaScript**, **JQuery**, Web Services, Struts, Spring, Hibernate**, Maven,** Gradle, Ant, **HTML**, **XML**, **XSLT, XSD, JDBC,** Cascading Style Sheets**(CSS), JNDI, Junit,** and XML-related technologies.
* Knowledge in building services in Google Cloud Platform (GCP) i.e. GCE instances, Kubernetes, Shared VPC.
* Good Experience working with (**AWS**) **Amazon Web Services** (Amazon **EC2**, Amazon **S3**, Amazon **Simple DB**, Amazon **RDS**, **AWS Cloud Watch**, **Amazon EBS,** and **Amazon Cloud Front**), using the Elastic Search APIs (**Document**, **Search**, **Indices**, **Cluster**, etc.
* Well experienced in using various **AWS** (Amazon Web Services) **Iaas** (Infrastructure as a Service) Components like **EC2** for running applications on virtual machines
* Developed and configured Kubernetes cluster for Jenkins CI/CD development pipeline.
* Experience with setup and maintenance of WebLogic Server, Apache, Tomcat, and LDAP.
* Hands-on experience in implementing client-server business applications using MVC, SOA architecture, and Micro Services.
* Proven experience in writing Queries, Stored Procedures, Triggers, Cursors, Functions, and Packages using TOAD.
* Extensive experience in working on multiple operating systems including UNIX, Sun Solaris, Linux, and Microsoft Windows.
* Strong analytical and problem-solving skills, self-starter, and good team player.
* Strong understanding and experience with all the phases of **SDLC** and **Agile** development methodologies including **SCRUM**. Involved in daily SCRUM meetings to keep track of the ongoing project status and issues.
* Experience in **Unit Testing** (UT), **Integration Testing (**IT), and preparing test cases.
* Great ability to write clear, maintainable, well-documented, well-commented, and efficient code for web development.
* Solid knowledge of relational database design and development (SQL, stored procedures, data modeling) and understanding of NoSQL databases (MongoDB).

**TECHNICAL SKIL**

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| **Operating Systems** | Windows XP/Vista/7/8/10, Ubuntu, Linux, Mac OS X |
| **Web Technologies** | HTML/HTML5, CSS2/CSS3, DHTML, XML, XHTML, XSLT, JavaScript, AJAX, JQuery, JSON, Apache, PHP, DOM, Sublime Text, Gulp, Grunt |
| **Programming Languages** | Java (JDK 1.4/1.5/ 1.6/1.7/1.8), C, C++, SQL |
| **Frameworks**  | React.js, Node.js, Angular.js, Spring, Angular 2.0/4.0/6.x/7/8 Hibernate 4.0/3.0, Apache Camel |
| **IDE, Editors** | Eclipse IDE, Notepad++, Net Beans IDE, Adobe Dreamweaver, Brackets, Microsoft Visual Studio, Photoshop. |
| **Database** | Oracle 11g/12C,MS SQL Server, My SQL Server, DB2, MongoDB |
| **Debugging Tools**  | Firebug, Bugzilla, Chrome Developer Tools. |
| **Testing Tools** | Junit, TestNG, Mockito, Jasmine, Karma, Mocha, Chai, Protractor |
| **Version Control** | SVN, GIT, CVS |
| **Web Servers** | HTTP Web Server, Apache Tomcat, Web logic, Web Sphere, IIS. |
| **Desktop Tools** | Acrobat Writer, MS Office |
| **SDLC** | Waterfall, Agile, Scrum |
| **Project Management Tools** | JIRA, Rally, Microsoft Project |
| **Browsers** | Firefox, Chrome, IE, Opera, Safari |

**PROFFESIONAL EXPERIENCE:**

**Sr. Fullstack Java Developer**

**Verizon, Charlotte, NC Jan 2020– Jan 2023**
**Responsibilities:**

* Involvement in complete SDLC management - Requirements gathering, Design, Analysis, Development, and Testing.
* Application Development and Partner with the project team to analyze business requirements, understand business goals, define project roadmaps and define use-cases to deliver technical solutions.
* Worked on **J2EE** design patterns like **DAO, Front Controller, Session Facade, Factory Pattern,** and **Singleton.**
* Have coordinated and interacted with platform team for all cycles of cloud deployment (OpenShift).
* Involved in using **ReactJS**components, Forms, Events, Keys, Router, Animations and Flux concept.
* Strong experience in ELK (elasticsearch, logstash, and kibana) stack.
* Developed well-tested, readable, reusable **HTML5, CSS3, JavaScript, Redux, Angular 6/7**/**8.**
* Developed the application in Agile Scrum fashion. Designed the front-end screens using JSF, XHTML, HTML, and JavaScript and developed applications using the Spring framework.
* Developed an Application to asses JSON and XML from RESTful web service from the consumer side using JavaScript and Angular 2.
* Using OpenShift to host patient Images and Data.
* The design solution for others to develop.
* Involved in using Data Structures such as queues, Linked lists, and sorting Algorithms.
* Design and Development of multi-tier application utilizing **Java, Servlets, JSP, JSF, XML, REST, SOAP, JNDI, JDBC, Web Services, Spring** and **Spring boot Framework.**
* Exposure to Service Oriented Architecture, Web Services Description Language (**WSDL**) using SOAP protocol and Extensible Markup Language (**XML**) and Java XML parsers such as JAXP.
* Deployed Spring Boot-based Microservices on Docker containers using Amazon ECS and Docker Hub to register the Docker images.
* Experience in Microservices development using spring boot and deployment in Pivotal Cloud Foundry (PCF).
* Used JSX, Virtual DOM, and one-way data binding features from **React JS** in building the application.
* Log Back for the logging of the output to the files and Google Stack Driver part of Google Cloud Platform.
* Build Docker images; create build and deployment configurations to deploy applications on Openshift.
* Implemented Spring Boot Microservices to process the messages into the Kafka cluster setup.
* Developed operations, business services, and integration services using Guice (google IOC framework) bean based on the type of service/API to be provided to the consuming code.
* Extensive experience in Serverless framework using NodeJs.
* Developed Rest API to process the data from DB to another Rest Service.
* Used Azure Resource Manager (ARM) to deploy, update, or delete all the resources for your solution in a single, coordinated operation.
* Experience in model-view-controller frameworks like strut, Spring and Hibernate.
* Consumed REST-based Microservices with Rest template based on RESTful APIs.
* Deploy builds to production and work with the teams to identify and troubleshoot any issues.
* Developed and consumed SOAP Web Services using JAX-WS and Apache Camel.
* Worked with Oracle 11g databases MongoDB and worked with it to perform many different operations.
* Deployed the Services onto the <strong>OpenShift PODS</strong> and tested end-to-end application.
* Experience in cloud services using Amazon Web Services (AWS) and Google Cloud Platform (GCP).
* Involved in writing Java API from Amazon Lambda to manage some of the AWS services.
* Used tools like SOAP UI for testing SOAP-based Web Services.
* Used version control repository SVN (Subversion by apache) and JIRA for issue tracking.
* Working with Spring Core layer, Spring ORM, and Spring AOP in developing the application components. Used **React-router** to route the pages on the client-side and built SPA.
* Experience with DevOps technologies like Jenkins, Maven, etc.
* Node.js as deployed on Lambda.
* Had knowledge of Kibana, and Elastic Search to identify the Kafka message failure scenarios.
* Used JAVA 8 features like Lambda Expressions, Parallel Streams, and functional interface.
* Implemented Core Java concepts like Multithreading, Concurrency, Exception Handling, and Collections wherever necessary in the application.
* Converted JAVA files to Groovy.
* Wrote J-Unit Test cases for Spring Controllers and Web Service Clients in Service Layer using Mockito.
* Experience in developing and deploying a **Microservice**application utilizing almost all of the **AWS Stack including S3, EC2, DynamoDB, Kinesis, SNS, and SQS**.
* Good Knowledge of working with **OAuth2.0** to provide authentication and authorization to Rest services by exchanging Access tokens.
* Develop and improve methods of automatic discovery of infrastructure data on servers, networks, databases, and other platforms
* Experience with EC2, Cloudwatch
* Perform database defragmentation and optimize SQL queries, improving database performance and loading speed by 70%
* Solid understanding of various Adobe Cloud Services which can be integrated with AEM
* Experience with CI/CD pipelines to integrate the Java code to align with DevOps practices using Docker.
* Worked with OpenShift platform in managing Docker containers and Kubernetes Clusters.
* Proven development experience with AEM (Adobe Experience Manager)
* Good experience in Server-side Frameworks like **Node.js** and Javascript libraries like **React.js**
* Worked with **NoSQL** database to store JSON-like dynamic connections data.
* Using project management and version control tools: **Maven** and **Git**
* Experience with monitoring tools like **Prometheus**, and **Dynatrace**.
* Using message brokers such as **Kafka** and **Rabbitmq**.
* Configured and used Log4J for logging all the debugging and error information.
* Good experience with writing the Unix Shell Scripts.

**Environment**: Java/J2EE, Java 1.8, Spring Boot, HTML5, GCP, CSS3, Angular 4/6/7, Ajax, Restful APIs, AWS, React.js, SQL, jQuery, JavaScript, My SQL, Azure, Jenkins, Scala, Amazon SQS and SNS, Git, Maven, Apache Kafka, Docker JSON, DOM, SCRUM, XHTML, Restful Web services, EC2, Google Guice, Cloudwatch, Oauth2.0

**Sr. Java Developer
Homesite Insurance, Boston, MA August 2018 – Dec 2019
Responsibilities:**

* Developed and designed web pages using **HTML5, CSS3, Ajax, Angular Js 2.0, ReactJs, and jQuery** based on the w3 standards.
* Extensively used **JavaScript, jQuery, Angular Js and Angular 2.0/4.0, and React.Js** to provide UI functionality.
* Used Spring Boot, which is radically faster in building cloud Micro Services and develop spring, based application with very less configuration.
* Developed Tabbed pages using AJAX and **Angular.JS 2.0**, **Node.js,** and **Ext.js** for a quick view of related content, scores, and headlines.
* Created custom elements, HTML imports, and shadow DOM to fully encapsulate custom elements using Angular 2.0.
* Used Spring Kafka API calls to process the messages smoothly on Kafka cluster setup.
* Experience customizing workflows, web/rest services integration with AEM, and component customization using HTL as well as JSP.
* Used Agile methodology for design and development of project.
* Implemented CI/CD pipelines using Jenkins and build and deploy the applications.
* Using Azure Functions to integrate applications and run backend processes according to schedules without provisioning/managing servers.
* Knowledge of NoSQL databases.
* Demonstrable knowledge of Elastic Stack (Elasticsearch, Kibana, Logstash) and Kafka.
* Created Angular directives, services, and controllers for complete ground-up development and migration of existing **jQuery** web applications.
* Built backend REST API with Node.js, and Express.js.
* Developed REST API for test server for Express Router middleware-based API's with components from NPM (Node Package Manager) and Redux library.
* Design and Development of High-Performance CPD processes by using multithreaded processes which in turn improved the performance by a lot.
* Worked with monitoring and Visualization services like Splunk, Prometheus, Grafana, and Elasticsearch (ELK).
* Created the **React JS** components and triggered Angular code to render the React components using life cycle hooks.
* Used Spring Boot Actuator to monitor and manage the application in the production environment. Log Back for the logging of the output to the files and Google Stack Driver part of Google Cloud Platform.
* Proficient with container systems like **Docker** and container orchestration like **EC2 Container Service**, **Kubernetes**, worked with **Terraform.**
* Used Spring Kafka API calls to process the messages smoothly on Kafka Cluster setup. Implemented Web Services in JAXP based on **SOAP** protocols using **XML**.
* Experience in the practical implementation of cloud-specific AWS technologies including IAM, MFA, Elastic Compute Cloud (EC2), Simple Storage Services (S3), Route 53, DynomaDB, RDS, and Lambda.
* Developed various screens for the front end using React JS and used various predefined components from NPM (Node Package Manager) and Redux library.
* Configured and maintained source code repositories in ClearCase, UCM ClearCase, AccuRev, GIT, and SVN.
* Setting up the automatic build and deployment automation for Java base projects by using JENKINS and Maven.
* Wrote SQL queries to obtain data from multiple tables to spool into CSV format.
* Actively involved in refactoring code, and revamping pages to improve User Experience.
* Have worked on cross-browser compatibility issues (mostly related to IE issues like the blob, CORS issue, Misalignment of components, and Caching issue).
* Always followed Best Practices to continuously improve User experience and Performance.

**Environment**: HTML5, CSS3, Ajax, Angular Js, Azure, Angular 2.0/4.0, ReactJs, jQuery, JavaScript, JSON, DOM, SCRUM,GIT, XHTML,SQ Restful Web services, RWD, Elasticsearch, Dreamweaver

**Full Stack Java Developer
Walmart, Bentonville, AR May 2016 – July 2018
Responsibilities: -**

* Involved in Full Cycle of Software development from Analysis through Design, Development, Integration, and testing phases.
* Created Class diagrams, Sequence diagrams, and Activity diagrams to describe the relationship that exists among the system's objects in accordance with the business requirements using UML.
* Designed and implemented application using JSP, JSTL Spring MVC, Backbone, JNDI, Spring IOC, Spring annotations, Spring AOP, Spring Transactions, Hibernate, JDBC, SQL, ANT, JMS, Oracle, and JBoss.
* Worked with HTML5, CSS3, JSON, JavaScript, Angular 4, Bootstrap, Ajax, and ES6 for developing the user interface.
* Experience in Integration of Amazon Web Services **AWS** with other applications infrastructure.
* A system built using Model-View-Controller (MVC) architecture. Implemented the application using the concrete principles laid down by several design patterns such as Composite View, Session Façade, Business Delegate, Bean Factory, Singleton, and Data Access Object
* Used JSON for data transmission for Microservices. Design and Develop Microservices business components using **Spring Boot**.
* Implemented front-end using Backbone, Underscore, jQuery, HTML, CSS and JavaScript.
* Develop and support solutions to manage and automate our global server and network infrastructure
* Developed backbone views, models, and collections and configured routing in the application using the Backbone router.
* Worked on jQuery Ajax to perform backend calls for data retrievals to populate model objects in collections.
* Developed Web services to allow communication between applications through RESTful over HTTP using ApacheAxis2.
* Experience in cloud services using Google Cloud Platform (GCP).
* Consumed JMS messages using message listener container in spring from WebSphere MQ broker.
* Implemented different types of spring controllers as per application requirements, Spring Validators, persistence layer, DAO, and service layer components using Spring/Hibernate API and Spring/Hibernate annotations. Extensively used Hibernate QL.
* Extensively used Spring IOC, configured Application Context files, and performed database object mapping using Hibernate annotations.
* Developed various batch jobs using Spring and Quartz scheduler deployed them on WebSphere Application Server 8.0.
* Developed Project Specific Java API's for the new requirements with the Effective usage of Data Structures, Algorithms, and Core Java, OOPS concepts.
* Developed the application using Core Java, Multi-Threading, Spring Core, Beans, JDBC, Transaction and Batch, ORACLE, Maven.
* Automate build process by using Maven and used CVS version control tool.
* Configured and customized logs using Log4J.
* Provided production support by debugging and fixing critical issues related to the application and database.
* Have knowledge on the partition of Kafka messages
* Troubleshooting of high volume and transaction and connection pool-related issues in production and refactored code to fix the issues.
* Supported, enhanced existing applications developed using JSF with Prime faces.

**Environment**: Java 1.6, J2EE, HTML, CSS, JavaScript, Angular 2/4, Backbone, WebSphere MQ, Servlet, JSF 2, Prime faces, JMS, Spring MVC 3.0, AWS, Spring Boot, Hibernate 3.0, JDBC, JNDI, RESTful, Axis2, WebSphere 8.0, Maven, Oracle10g, CVS, XML, JSON, Log4j, Underscore, jQuery, jQuery-UI, UML, Windows.

**Java Developer**

**QVC, West Chester, PA Nov 2015 – Mar 2016**

**Responsibilities:**

* Involved in software development life cycle (SDLC), which includes requirement-gathering, design, coding, and testing.
* Ensure key account plans objectives are met through execution by distributors and district managers.
* Designed and developed Business Services using Spring Framework (Dependency Injection) and DAO Design Patterns.
* Developed Project Specific Java APIs for the new requirements with the Effective usage of Data Structures, Algorithms, and Core Java, OOPS concepts.
* Developed web service for web store components using RESTful API using Java & Spring.
* Experienced in developing web-based applications using CSS, HTML, JavaScript, jQuery, UML
* Experience in Systems Analysis, Software &Web Application development. Worked high-end on collections and multithreading.
* Experience in implementing the Object-Oriented Programming Concepts and collections framework.
* Developed application Specific thread-safe XML APIs, XML Document Builder, and parser validators using java DOM Parser which is used among the components.
* Developed REST Webservices to make web service calls simple and easy for the client to access with the help of standard HTTP URL.
* Involved in the implementation of enterprise integration with web services using REST.
* Used Spring Security for authentication and authorization of users, Spring JDBC for easy database operations using JDBC template, writing row mappers, and Spring Boot easy bootstrap applications from scratch.
* Acquired good knowledge of Amazon Web Services (AWS) and its functionality.

**Environment:** JDK1.6, J2EE, JDBC, Servlets, Spring Boot, Spring JDBC, EJB3.0, XML, Hibernate, HTML5, JBoss Studio, JBoss Server, SVN, Maven, Windows OS, Log4j, Junit, JIRA

**Java Developer
Idea Labs, HYD, India Jun 2013-Aug 2015 Responsibilities:**

* Involved in designing functional specifications.
* Designed technical design documents using UML.
* Implemented the business logic with MVC and DAO.
* Used **Spring** and **Hibernate** framework.
* Developed utilities for Mailing, and accessing pdf and excel files.
* Involved in data modeling and writing SQL queries.
* Ant implemented to build and deploy the application on the servers.
* Log4j was used to take care of the logging events.
* Implemented the singleton reload mechanism.
* Designed and developed **Webservices**.
* Involved in code rebasing and code delivery activities with a Clear Case.
* Reviewed Java codes, checked for anti-patterns, and re-factored applications.
* Performed tuning on **JAVA code**, JVM configuration, and SQL queries.

**Environment:** JDK 1.5, J2EE, Eclipse 3.2, JSP, JPA, Servlets, EJB, RMI, JDBC, HTML, Javascript, Oracle 10g, Windows XP/7