**Davinder pal**

**NodeJS Developer**

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# PROFESSIONAL SUMMARY:

* **I** have **8+ years of IT professional** experience in all phases of **software development life cycle (SDLC)** including requirement Analysis, Designing, Developing, Debugging, Deploying, and Testing of various **Web** basing and **client/ server** **N-tier** applications using **NodeJS.**
* Creating a responsive web offer wall so that it could be integrated with any **IOS/Android** app via a web view, the project was created with **AWS** and **PHP**.
* Experience Working on Microsoft **Azure** using **Azure** VMs and app services for running of instances, Azure cosmos and SQL for storage of data, App insights for creating alerts and monitoring API calls
* Good working experience in **Azure** Logic apps, Service Bus, Document DB SQL Database and Data warehouse
* Designing and developing **Microservices** architecture applications and experience in handling messaging services using **Apache Kafka.**
* Experience in developing web applications using **NodeJS,** **SQL, No SQL**, **HTML**, **CSS**, **React JS**.
* Experience with **DEVOPS** tools, **CI/CD,** and AWS Cloud Architecture in database modeling and developing using **No** **SQL** Database such as **Mongo DB.**
* Experience in creating **Docker** Containers leveraging existing Linux **Containers** and AMI's in addition to creating **Docker Containers** from **scratch**. Experience in using the Docker container system with the **Kubernetes** integration used **Grafana** as a monitoring tool for **Spring Boot** and **Adobe Analytics** for **ReactJS**.
* Experience in Web Services using **SOAP**, **Restful**, **WSDL**, **HTML**, **XML**, **JAXB**, **XSD**, **SAX,** and **DOM parsers** working Knowledge of other programming languages like **C**, and Markup Languages like **XML**, and **HTML.**
* Hands-on experience with front-end technologies such as **HTML5, CSS, Koltin, JavaScript, Struts tag libraries, AJAX, JSON, XML, XSLT, jQuery, and Bootstrap frameworks.**
* Working on **Node JS** frameworks to develop dynamic and rich client web pages Micro Services with **Graph QL** through a combination of REST and Apache Camel.
* Working in **TDD** and version management tools **Git Hub**, and **SVN.** Experience in working with methodologies like **Agile, Scrum, Iterative,** and **Waterfall** approaches.
* Experience in using **Azure** API Management (APIM) to create and manage REST-Based endpoints
* Experience in creating and modifying Inbound and Outbound policies for **Azure** APIM base, backend layers
* Possessing good interpersonal skills and apply **Kubernetes** in coordinating various teams like developing teams, QA teams, and supporting teams as required.
* Experience in developing **User Interface (UI)** **SOAP** Applications and professional web applications using **HTML 4.0/5, CSS3, JavaScript, j Query, JSF, Node JS, React JS, GCP, AJAX, JSON, XHTML,** and **XML.**
* Expertise in developing reusable components for cross-cutting concerns like Logging, Memory Leak managing, Transaction managing, Class loading, and Testing framework **using Log4j, Ant, Maven, and J Unit** to increase productivity, easy maintenance and retain software quality.
* Creating **REST** web services to publish **ML** models - business function and earnings code prediction models via API as predictive analytic service using **AWS,** and **NodeJS**.
* Experience in **Software Developing Life Cycle (SDLC)**, **Rational Unified Process (RUP)**, AGILE methodologies.

# TECHNOLOGIES:

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| --- | --- |
| **Programming Languages** | C, C++,Node JS,React JS, SQL server2012/2014, PL/SQL. |
| **Web Technologies** | NestJS, JavaScript, Node JS, NextJS, Bootstrap, React JS. |
| **Databases** | SQL Server, MySQL, Mongo DB,postgreysql, GraphQL. |
| **Web Services** | JAX-WS (SOAP), JAX-RS (REST, REST API), WSDL. |
| **Application Frameworks** | Express JS, Hapi JS,Electron, graphQL |
| **ORM Framework** | Sequelizer, Mongoose, Type ORM |
| **AWS** | EC2, RDS, S3, ELB. |
| **Version Control** | Bitbucket, Git. |
| **IDE** | Sublime, Visual Studios. |
| **UML tools/ Build tools** | Apache ANT, Maven, Jenkins, Docker, Kubernetes, Azure, CI/CD, J Unit, Jira, PCF, Google cloud, Dream viewer, Rational Rose, Graph QL, UML, Selenium. |
| **Design Methodologies** | Agile, Scrum, UML, J2EE Design Patterns. |

**Company Detail:**

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| --- | --- | --- | --- |
| **Applzogic Mobility Solution Pvt.Ltd** | **Tech Lead** | **July 2022 to Present** | **3 years** |
| **Code Brew Labs** | **NodeJS/Backend Developer** | **July 2020 to July 2022** | **2.1 years** |
| **Signity Software Solution Pvt. Ltd.** | **Software Developer** | **Aug 2019-July 2020** | **1 year** |
| **Osvin Web Solutions** | **PHP Developer** | **May 2018 – July 2019** | **1.3 years.** |
| **Cweb cosultants India** | **Jr.Software Developer** | **Aug 2017 – May 2018** | **10 Months.** |

**PROJECT EXPERIENCE:**

## Client: Onewayx

## Role: Three JS and Node JS with AWS

## Responsibilities:

* Understanding the codebase, and existing scripts and preparing **Node JS** documents the **REST**-based **Microservices** using the **Spring Boot** for the application to seamlessly integrate with supporting sub-systems.
* Developed the presentation layer using **JSP**, **JSF**, **GCP**, **Tag** **libraries**, **CSS**, **jQuery** and client validation using **JavaScript**, **CSS3** and **HTML5**.
* Working on creating reusable components, handling events, and rendering **HTML5** tags for developing single-page applications using **ReactJS, NodeJS.**
* Developing code on new requirements as a developer using **Spring Boot and Hibernate** by using **Agile** Methodology.
* It also seeks to cultivate and foster technical innovation, as well as elevate and amplify the technical heartbeat of the organization.
* Employing **ReactJS** Resolver for server-side rendering, enabling the definition of data requirements for components and handling nested, asynchronous rendering on both the server and client.
* Developed and maintained the **Cornerstone Real Time platform**, providing a Highly Available Realtime **API** Interface for Cornerstone Data.
* Designed and implemented a unified Query Service layer for accessing LLC data through use case **APIs.**
* Facilitated the consumption of new derived variables (ODLs) built on Cornerstone data by various applications.
* Designed and implemented **RESTful APIs**, integrating with multiple internal systems to streamline data exchange, reducing latency by 20% and improving **API** response time for critical client services.
* Lead a culture of innovation and experimentation, engage in fun and outcome-oriented culture, and always be ready to try new concepts without fear of failure.
* Developing web applications on IDE tools like  **React Js, IAM, RAD**, **and Spring Tool Suite.**
* Utilized **Spring Boot**, **Hibernate**, and other **Express** **frameworks** to build and deploy **microservices** **architecture**, reducing application deployment time and increasing system modularity.
* Collaborate with peer technology and development teams across different locations.
* Identifying opportunities for adopting new technologies.
* Hands on experience in Continuous Integration/Continuous delivery (CI/CD) tool Jenkins for deploying applications to on-premises servers.
* Extensive experience on modern frontend template in frameworks for **JavaScript**-including **Bootstrap**, **AWS, Backbone**, **jQuery**.
* Contributed to continuous integration **(CI)** and continuous deployment **(CD)** pipelines using **Jenkins** and **Docker**, reducing deployment time and ensuring faster delivery cycles.
* Implemented Spring Batch applications to read the data from the Legacy DB and to write the data to Kafka Topics using Spring Boot.
* Led a project to refactor legacy code, enhancing maintainability and reducing technical debt through application of modern development practices and code reviews.
* Developing CI/CD system with Jenkins on Kubernetes environment, utilized Kubernetes and docker for runtime environment for the CI/CD.
* Experience in working with application servers and web servers.
* Extensive work on MicroServices Technologies along with development of web applications in multi-tiered environment using Apache Kafka, Spring Boot, Spring Framework.
* Work along with **stakeholders** to understand and analyze the requirements.
* Implemented unit, integration, and end-to-end testing **frameworks**, improving software quality and reliability by 30%, reducing production issues, and achieving over 90% test coverage.
* Maintained the First Citizens Bank Web site, using **Kafka** as the messaging service for exchanging **JSON** files between **MicroServices**.
* Experience in server-side **frameworks** like **React Js,** **NodeJS** and **JavaScript** libraries like **ReactJs** **Flux** and **Redux** and also implemented a Continuous Delivery pipeline with **Docker**, **Jenkins,** IAM, **GitHub** and **AWS**
* Responsible for creating **REST Web services** using **JAX-RS** strong written and verbal skills from both business and technical perspectives.

**Environment: AWS,**MicroServices, Web Service (SOAP/REST), CI/CD, REST API, JavaScript, HTML5, React Js, IAM, XML, CSS, IntelliJ, Kafka, GIT, MS Vision.

## Client: ImagesBazaar

## Role: ReactJS with NestJS

## Responsibilities:

* Participating in developing a well responsive Single page application **CCA** using **React** **JS** with **HTML5**, and **CSS3** Standards used **Apache** **Kafka** in handling messaging services
* Implementing **AWS** solutions using **EC2, S3, RDS, EBS**, Elastic Load Balancer, Auto-scaling groups, and using **AWS SDK** to connect with Amazon SQS for bulk email processing.
* Assist in **Software Development Life Cycle (SDLC)** which includes developing, designing, analyzing, testing, and Integration of various web-basing and client/server applications in **multi-platform environments** with **NodeJS** technologies.
* Building RESTAPI end-points for various concepts **Apache Kafka (Message Queues)** for reliable and **asynchronous exchange** of vital information between multiple business applications.
* Developing the Sybase using database management systems Implementing AWS Lambda functions to run scripts in response to events in Amazon **Dynamo DB** table, **S3** buckets, and **HTTP** requests using Amazon API Gateway.
* **Developed and maintained backend services** in both **C#** and **JS**, contributing to the integration of a microservices architecture.
* Developing the utility functions and validation functions which are reused throughout the rules **GIT commands** regularly to merge the Code in the branch.
* Working on **Node JS** framework to develop dynamic and rich client web pages **MicroServices** with **Spring Boot**, **Graph QL** through a combination of **REST** and **Apache Kafka**.
* Responsible for Continuous Integration Continuous Delivery (**CI /CD**) process implementation using **Jenkins** along with **UNIX** Shell scripts to automate routine jobs developed feature files to validate these rules using **cucumber Gherkin frameworks**.
* Extensively used **JS** concepts like collection **framework, multi-threading, OOPS,** and Exception Handling responsible for the analysis, documenting the requirements.
* Designing asynchronous **REST full, Microservices** using **spring boot,** Web Service (**SOAP**/**REST**) to Interacting with multiple master databases, **SOA**.
* Developing web pages using **HTML5**, **CSS3**, **JavaScript** that meet accessibility and web browser standards.
* Collaborated with cross-functional teams to optimize **Spark** jobs, improving performance and reducing processing times.
* Collaborated with C# and NodeJS teams **on a legacy migration project to refactor monolithic codebases into modular microservices.**
* Working on **CI/CD** deploying pipeline using **Bit bucket**, Atlas Sian Bamboo, IAM, **AWS** **ECR**, Harness, **Docker** containers, and Rancher for managing **Kubernetes** clusters.
* Worked on a project to retrieve log messages procured from **Kafka** by**leveraging** **Spark Streaming**
* Using **Hibernate** in the data access layer to access and update information in the database and using **Hibernate, Query** Language (**HQL**) to query the database for complex data **SOAP** has been used as a protocol to sending request and response in the form of **XML** messages.
* Utilized Spark SQL for performing complex queries and transformations on structured and semi-structured data.
* Translate a set of business requirements and wireframes into fully functioning system components and web code using **HTML5**, **CSS3**, **JavaScript**, **Redux**, and **Typescript**.
* Experience Redis is often used as a cache to reduce backend load and increase application performance.
* Experience with Relational databases and good knowledge of non-relational databases **NoSQL**(Mongo DB 3.4, Dynamo DB)
* Using **Nodejs** modules such as **Requests**, **Urllib**, and **Beautiful Soup** for  **Data**/**web crawling** And Hands-on design and implementation of **AI (Artificial Intelligence), IAM, and machine learning algorithms** using **NodeJS**
* Experience in building Real-time Data Pipelines with Kafka Connect and **Spark** Streaming.
* Used version control repository **GIT** and **JIRA** for issue tracking in deploying **AWS** applications in **Tomcat** 6. x,server-specific formats with Excel macros and **NodeJS** libraries.
* Developing the Presentation and Controller layers using **JSP, HTML, JavaScript**, Business logic using **Spring 5**, and Persistent layer **DAO**, **Hibernate Persistence Strategy** for all modules.
* Deploying **Spring** **Boot-based** **Microservices** **Docker** and **Amazon** **EC2** container using **AWS** admin console providing thought leadership for **cloud** developer technology inside **Google** and collaborating with cross-functional engineering teams to streamline or improve adoption.

**Environment:** NodeJS, Microservices, Web Service (SOAP/REST), AWS, CI/CD, REST API, JavaScript, HTML5, CSS, Kafka, Web logic, SQL Server, GIT, MS Vision.

## Client: Royo ride

## Role: NodeJS developer

## Responsibilities:

* Used Express with **NodeJS** to create Web services that consume data from **Azure** **cosmos** **DB** worked on **Mongo** **DB** concepts such as locking, transactions, indexes, replications, and schema design.
* Excellent project experience in **Microservices**, Multithreading, CI/CD, Cloud computing, Web - **J2EE** technologies designed UI screens using **JSP**, Struts tags HTML. **React** for client-side validation.
* Involved in the JMS Connection Pool and the implementation of publish and subscribe using JMS. Used JMS to consume messages from the JMS provider.
* Implemented and optimized C# APIs for web applications that interfaced with NodeJS systems using RESTful services.
* Modified the UI screens created by the web designer using HTML5, JSP, CSS3 on **REST API** generating the Web services classes by using Service Oriented Architecture (SOA) and maven.
* Developed the application using Struts and **Hibernate-based** frameworks done with server-side validations using Struts Validation framework **REST APIs**, including **JSON** data formats wrote shell scripts in Linux to call routines.
* Involved in CAM C&C Loads, C&D Loads and CAM ORMB loads. **TWS** is used as the job scheduling tool. CAC APIs are used to consume and publish the C&C Data into the Postgres DB that is configured on **Azure** Cloud.
* Experience in working with NoSQL databases like **MongoDB, and Cassandra** for handling huge amounts of data. Involved in handling database access operations**.**
* Node code is organized into packages and usage of packages.
* Application was built using **Microservices** architecture where most of the functionality was exposed using web services.
* Developed **NPM** modules implementing business rules and workflows using **Spring Boot, IOC, and Web Framework** Had experience in performance tuning **J2EE** apps, performance testing, analysis, and tuning.
* Experience in using **Azure** App Service to develop, maintain, and manage API Rest services within certain Resource Groups
* Implemented **Hibernate** second-level cache using **EH Cache** and enabled the Query Cache property for a cache at a query level.
* Experienced using **SOAP** to test the existing services. Responsible for consuming Web Service from **WSDL** coming up with the test cases for unit testing before the QA release played a very important role in resolving the defects.
* Experienced in performing Functional Testing, Backend Testing, Regression Testing, System Testing, Acceptance Testing, and Integration Testing. Involved in writing J Unit test cases and System Test Cases. Good Experience with **Azure**, etc.
* Deployed the application on Web Sphere Application Server using **J Unit** framework for unit testing of application and **Log4j** to capture the log that includes runtime exceptions played an important role in writing the J unit test case scenarios for all the validations.
* Using components, **Forms**, **Events**, **Keys**, **Routers**, **Animations,** and **Flux** concept **Docker** for creating **Docker images** for launching containers on **EC2** and Expert in using **Docker** for Environment provision solutions.
* Extensively used **JSTL** tags and **Struts** tag libraries. Used Struts tiles as well in the presentation tier Used **Spring** framework to implement middle tire with **Spring IOC, AOP, and spring boot.**
* Developing the **User Interface** Screens for presentation using **Bootstrap**, **J Query**, **AJAX**, **JSP**, **HTML**, **CSS**, and **JavaScript** creating multi-module **Maven** project to integrate **Spring 4.0**, **Rest API**, **Cassandra** & **Microservices,** and **Jenkins** for continuous integration.
* Used Azure **Kubernetes** Service to deploy a managed Kubernetes cluster in Azure and created an AKS cluster in the Azure portal, with the **Azure CLI**, also used template-driven deployment options such as Resource Manager Templates and Terraform.

**Environment:** API, NOSQL, Docker, SOAP, REST, REST API, MONGO DB, Azure, Kubernetes, Microservices, Apache Tomcat, C#, WSDL, Linux.

## Client: Tele doctors of America

## Role: Laravel Developer

## Responsibilities:

* Worked on Entity Beans in the persistence layer interaction with **mySql DB** have Knowledge of Apache Spark with Cassandra.
* Used **PHP, and Wordpress CMS** including authoring complex directives, services, controllers, and filters.
* Actively involved in Analysis, Design, Development, System Testing, and User Acceptance Testing successfully followed **agile methodology** in the **Scrum** Cycle model
* Developed using new features of **PHP** annotations, Generics, enhanced for loop and **Enums, Lambda** expressions for array operations, and collections throughout the application for well-defined programming.
* Worked on the creation of custom container images, tagging, pushing images, integration of **Spring MVC** unit, and integration test cases are being designed and developed using J unit
* Integrated **Spring MVC** with **Hibernate** using Hibernate Template to perform **CRUD** operations against database using Hibernate, **object/relational-mapping** (ORM) solution, technique of mapping data representation from **MVC** model to Relational data model with **SQL**-based schema.
* **Developed** tools using **NodeJS**, **ReactJS, Shell scripting**, and **XML** to automate some of the menial tasks. Interfacing with supervisors, artists, systems administrators, and production to ensure production deadlines are met.
* Used **Hibernate** Transaction Management, Hibernate Batch Transactions, and Hibernate cache concepts created tables, and worked on **SQL, PL/SQL** to write Stored Procedures functions, packages for Inserts, and updates in the database.
* Used **Microservices** architecture with **Spring MVC** through **SOAP** and message brokers followed test-driven development **(TTD**) as a part of writing all Unit Test and Integration Tests.
* Proficient in designing and builder.IO **Graph QL** APIs to efficiently fetch and manage data within **React** JS applications ensuring a streamlined and intuitive data querying and retrieval process.
* Implemented logging using **SLF4J** and **LOG 4J**, Used Log4J utility to log error, info, and debug messages created and deployed Rules engine **API** into **J Boss BRMS** image
* Successfully handled all **Apigee** and backend-related errors in the **API** proxies using **JavaScript e**xcellent knowledge of **CQL** (Cassandra Query Language), for retrieving the data present in the **Cassandra** cluster by running queries in CQL.
* Involved in designing various stages of migrating data from RDBMS to **Cassandra** created **REST API** documentation using Swagger and YAML
* Developed **UI** using **Bootstrap**, **React JS** along with **JSON** and communications with the backend using **REST** with **Spring** **MVC** framework

**Environment:**NodeJS, Jira, Hibernate 4. x, React JS, SOAP, j Query, JSON, AJAX, GWT, Microservices, XML, WSDL, JavaScript, Agile Methodology, Git, HTML5.

## Client: Go auto Points

## Role: PHP Developer

## Responsibilities:

* Good knowledge of concepts in Javascript like **OOPS**, **Multi-Threading,** and **Exception Handling** and implemented Core -Java concepts like **Inheritance, Polymorphism, Abstraction, and Encapsulation** using the Java **Collection Framework.**
* Able to work well independently or as part of a professional computer program development team and possess effective communication skills along with strong dedication and commitment toward work.
* Developed hibernate **DAO** Classes using **Spring MVC** Template, and worked with Hibernate for object-relational mapping and connection management.
* Learned **XML** for communicating with clients. Written Queries, and queries in **SQL** to get data from **REST API written in Groovy wrapped by Jersey JAX-RS.**
* Involved in all the phases of the life cycle of the project from requirements gathering to quality assurance testing. Created J Unit test cases and created set up manuals and user guides. Involved in Unit integration, bug fixing, and User acceptance testing with test cases.
* Developing applications using Integrated Development Environment (**IDE**) tools using **IDE** and deployed into **Tomcat Server**.
* Involved in Developing of Application based on **J2EE** using **Hibernate** and **Spring framework.** Implemented Dependency Injection using the **spring framework**.
* Worked closely with testing groups for module and integration testing. Developed **batch processes** to perform the daily updates with **Spring Batch Module** Automation testing using J unit.
* Implemented **MVC architecture** using Apache **STRUTS** framework. Designed the front end using **JSP**, Tag Libraries, and JavaScript. Designed and developed framework components, involved in designing **MVC** patterns using the **Struts** framework.

**Environment** MVC, PHP, SOAP, REST, REST API, JavaScript, HTML SQL.

# EDUCATION:

* Bachelor’s Degree in Electronics of communication from Kurukshetra University, India 2012
* Diploma in Electrical Engg from Haryana state board of Technical Education, India 2009
* Matriculation from Central Board of secondry Education, India 2006