NASRELDEN ELSAKR

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# **Summary**

* + - * Over 5 years of professional experience as a **Full Stack Developer** (**Java**) in analysis, design, development, implementation and troubleshooting various **Web based** **applications**.
      * Working knowledge in **Core** **Java** and **Java** **EE** platform with **Servlets**, **JSP**, **JDBC**, **Multithreading**, **Hibernate** and **Spring** **MVC**.
      * Having experience working with databases technologies such as **MySQL**, **Oracle**, and **MS** **SQL** **Server**.
      * Experience building Single Page Applications (**SPA**) using **Angular2** technologies for better performance and User acceptance.
      * Experienced at designing dynamic **Web** **applications**, using **HTML5**, **CSS3**, **JavaScript**, **TypeScript**, **jQuery**, **AJAX**, **JSON**, **Angular2** with responsive web applications using **Bootstrap**.
      * Extensively worked on open source frameworks such as **Spring** **MVC** (**POJO**, **Multiple** **controllers**, **Dispatcher** **Servlet**, **View** **Resolver**, **Services**, **DAO**, and **DTO**).
      * Hands-on experience with **Spring** **Core** such as Inversion of Control (**IOC**), **Dependency** **Injection**, **Autowiring**, **Annotations**, **Event** **Handling**.
      * Solid experience integrating **Spring** **Hibernate** **ORM** (**HQL**, **XML**, **Criteria** **API**, **Reverse** **Engineering**, **Hibernate** **MVC**, **HibernateDaoSupport**, **Persistent** **Data**, **Component** **Mapping**, **Associations**, and **Annotations**).
      * Good experience in developing applications with **SOAP** and **RESTful** **Web** **Services**.
      * Experienced in consuming data from **RESTful** Web Services using **JSON**, and used **Postman** for testing the Web Services.
      * Proficient at design, development of web-based application using **Apache** **Tomcat** 7.0/8.0/8.5, **JBOSS** (WildFly) 7.0, **Glassfish** 4.0.
      * Expertise in project documentation implementing Use **Case** diagram, **Flow** **Chart**, **Risk** **Assessment**, **Requirement** **Gathering**, designing **ER** Diagram, and **UML** modeling.
      * Experienced working in **Agile**-based **SDLC** environment and participating in different **Scrum** Sessions, along with Test-Driven Development (**TDD**) methodology.
      * Good knowledge in **AWS** **S3** and **EC** Strong experience using **MAVEN** Build System.
      * Knowledge in building **Micro** **Services** and connecting to API.
      * Excellent analytical, problem solving and communication skills.

# **TECHNICAL skills**

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| --- | --- |
| **Back End** | Core Java, J2EE (JSP, Servlet, JDBC), Spring MVC, Spring Boot, ORM (Hibernate).  C, X86 Assembly AT&T and Intel syntax, Python |
| **Front End** | JavaScript, HTML5, CSS3, jQuery, AJAX, JSP.  Angular2, TypeScript, Bootstrap, JSTL, XML, JSON. |
| **Database** | SQL (Oracle), Microsoft SQL Server, MySQL.  Prolog, Datalog, Database Modeling, Database Visualization. |
| **IDE & Servers**  **Build System & Tools** | Eclipse, Visual Studio Code, Intellij, Apache Tomcat, JBoss, Glassfish  Maven, Jenkins, PostMan, SoapUI, JIRA |
| **Web Services** | RESTful, SOAP |
| **Others** | Agile / Scrum Project Management  Linux, Windows, Mac-OS, Microsoft Excel  Amazon Web Services, Micro Services  JUnit, Unit Testing, Troubleshooting, Version Control: GIT |

# **Experience**

**Calient Technologies New York, NY July 2017-Present**

**Full Stack Developer (Angular, RESTful, Spring Boot)**

**Project: Intra Task Management System**

Calient Technologies specializes in custom business software development which helps organizations achieve its software development objectives while at the same time lowering costs, increasing resource utilization and reducing administrative burdens. ITMS (Intra Task Management System) is an intranet application that helps effectively organize and manage tasks by using functions such as task creation, planning and assignment, tracking and reporting. ITMS was designed and developed according to the **MVC** architecture using **Angular2**, **Spring** framework & **Hibernate**.

**Responsibilities:**

* + - * Participated in various phases of Software Development Life cycle (SDLC) of the application like requirement gathering, Design, Analysis and code development using Agile methodology.
      * Implemented Angular2 to create Single Page Applications (SPA).
      * Created Components, Used Directives of Angular2 including \*ng-if, \*ng-for, ng-model, etc.
      * Implemented Angular2 Router to enable navigation from one view to the next as users performs application tasks.
      * Used HTTP request to extract JSON format Data.
      * Used Spring Boot for the application development.
      * Integrated the application with Spring-MVC using Spring Boot, Spring Dependency Injection (DI), and Spring Annotations.
      * Used Hibernate as the ORM mapping tool and worked with Hibernate Query Language (HQL).
      * Implemented Hibernate to persist the data into Database, and wrote HQL based queries to implement CRUD operations on the data.
      * Used Spring Controller to pass the control of the application and validate user input.
      * Developed Web Services using RESTful to retrieve data for client side.
      * Successfully executed all the test cases and fixed any bugs/issues identified during the test cycles with JUnit and Ng Test.
      * Tested Rest APIs in Spring-Controller at backend for JSON data using Postman.
      * Involved in designing with ER Diagram and creating database tables.
      * Used Maven to define the dependencies / plug-in and build the application.
      * Used GIT for Version Control.
      * Designed, developed and deployed the application using Eclipse, Apache Tomcat 8.0.

**Environment**: JDK 1.8, Spring Boot, Spring MVC, Hibernate 4.0, Restful Web services, UML, MS SQL Server 2012, Eclipse, Junit, Maven 3.5, Angular2, HTML5, CSS3, Agile, Postman, Trello, GIT

**JobProgress LLC Piscataway, NJ June 2016 - July 2017**

**Full Stack Developer (Spring, Hibernate)**

**Project: Customer & Project Management Platform**

JobProgress is an all-in-one contractor’s business platform that is flexible, easy to us, it equips contractors to produce unparalleled results by enabling them to control, organize and manage their business from anywhere, at any time. Worked in a team to develop a customer and project management platform, which connects contractor with vendors, and allows contractors to manage projects, create, store and access all of the construction documents.

**Responsibilities**

* + - * Involved in various phases of Software Development Life Cycle (SDLC) using Agile Methodology, attended various Scrum meetings, and used JIRA to handle software development issues.
      * Used Spring Framework modules such as DI (Dependency Injection), Container that applies IOC (Inversion of Control) and Bean container, AOP (Aspect Oriented Programming), ORM (Object relational model) including Hibernate and JPA, Web MVC (model view controller) and Spring Boot which accelerates the development of Spring framework.
      * Developed Data layer using Hibernate framework, configured XML mapping files, POJO classes, and Stored Procedures.
      * Configured and deployed Web applications using Tomcat server.
      * Experienced in UI design, developed Front End using HTML, CSS, JavaScript, jQuery, Ajax, Bootstrap, and JSTL.
      * Configured the Dispatcher Servlet, setting up the View Resolver, and Transaction Management.
      * Used Spring form validation for server side validation.
      * Implemented and developed RDBMS using MS SQL Server for maintenance, performance, tuning the server, and written rigorous Stored Procedures, and Triggers for event tracking.
      * Reverse engineered the database and queried the database using HQL and Criteria API.
      * Used advanced Core Java features such as Annotations, generics, throughout the application for well-structured programming.
      * Used GIT for version control and Eclipse IDE for development.

**Environment:** JDK 1.7, J2EE, Spring 4.x, Spring Boot, Hibernate 4.0, JavaScript, HTML5, CSS3, jQuery, Bootstrap, Ajax, Maven 3.3.1, MS SQL Server, Eclipse, Agile, GIT, JIRA.

**Lendkey, New York, NY Oct 2014 - May 2016**

**Java Developer (J2EE, Spring)**

**Project: Online Loan Processing System**

LendKey offers lending-as-a-service solution, which provides a fully compliant, turnkey platform so that customers can start lending online in as little as four weeks. This Project was designed and developed for different Loan Processing System such as (Student, Home Equity, etc.) The application was developed using J2EE architecture

**Responsibilities**

* + - * Involved in Requirements gathering, analysis, design, development, testing and Maintenance phases of Application.
      * Designed the system based on Spring MVC architecture. Developed a business logic layer using Spring Framework and integrated Hibernate.
      * Involved in the integration of spring for implementing Dependency Injection (DI/IOC).
      * Involved in developing code for obtaining bean references in spring framework using Dependency Injection (DI) or Inversion of Control (IOC) using annotations.
      * Responsible for creating efficient design and developing User Interaction screens using HTML5, CSS3, JSP, JavaScript, jQuery, AJAX and JSON.
      * Interacted with Java controllers to write, and read data from back end systems.
      * Used JavaScript, jQuery for client side validations and to achieve other client-side event handling.
      * Involved in developing XML, HTML5, and JavaScript for client side presentation and data validation on the client side within the forms.
      * Designed and developed various stored procedures, functions and triggers in PL/SQL using SQL Developer.

**Environment**: JDK 1.7, Spring MVC, Hibernate, JSP, AJAX, CSS3, HTML5, JavaScript, jQuery, Oracle SQL.

**Brookdale Community College, Lincroft, NJ Oct 2012 - Sept 2014**

**Java Developer**

The Java Developer is a member of the work group supporting and developing applications to support campus needs. Performing software design, programming, and other tasks required in the planning, development, implementation, and maintenance of custom and vended software applications.

**Responsibilities**

* + - * Responsible for code development related to meeting the needs of campus business requirements using a common development methodology.
      * Developed, tested and maintained IT Service Management applications and services needed to improve the effectiveness of the Division of Information Technology, using modern application development paradigms, design patterns and tools, such as Java, J2EE, HTML, CSS, and XML.
      * Implemented Threads, Multithreading, Synchronization, Collection API, and Design Patterns.
      * Developed Interactive web pages using AJAX and JavaScript.
      * Database development using MS SQL Server.
      * Used GIT for version control and Eclipse IDE for development.

**Environment**: JDK 1.7, HTML5, CSS3, JavaScript, MS SQL, Eclipse, GIT.

**Education**

**Rutgers University- New Brunswick, NJ- B.S. Computer Science - Minor Cognitive Science**