

# DHRUV PATEL

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Passionate full stack software developer with 6+ years of experience in large scale software development using multiple programming languages and frameworks seeking to take next career step with technology company working on cutting edge technologies to deliver great business solutions. I work with consistency throughout all phases of software development lifecycle. And partner with business, developers, analysts, QA and support engineers throughout the product lifecycle to produce high-quality, user-friendly, reliable and scalable software.

## SKILLS

Languages	Java, C, C++, C#
JavaEE Technologies/Frameworks	Spring, EJB, Servlets, JMX, JTA, JSP, JSTL, JSF, JDBC, SpringMVC, Hibernate, EclipseLink, LOG4J, SLF4J, JNDI, JUNIT, Mockito, Maven, Gradle, JavaMail, JAX-WS, JAXB, JAX-RS, Vert.X, Quartz
Web Technologies/Frameworks	Angular, TypeScript, NodeJS, NPM, RxJS, JavaScript, CSS, SCSS, XHTML, HTML5, JQuery, Grunt, Foundation, Bootstrap, Material Design, Primefaces, Omnifaces, PrimeNG, PWA
Web/Application Servers	Weblogic, Tomcat, Glassfish, Undertow, JBoss, WebSphere
Container Technologies	Docker, OpenShift, Kubernetes
Databases	Oracle, DB2, MySQL, SQL Server, Redis, MongoDB
Operating Systems	Windows, Multiple Linux flavors, macOS
IDE Tools	Eclipse, IntelliJ, VS Code, NetBeans
Other Tools	Agile Central, Slack, Invision, Loop11, Piwik, TeamCity, Travis CI, GitLab, Github, SVN, Collaborator, BPM, Cherwell, SQL Developer, System i Navigator, SonarQube, Whitehat Security, AppDynamics, SharePoint, HP load runner, SOAP UI, Jfrog artifactory, MS Office

## EXPERIENCE

05/2015 – PRESENT

**SR. SOFTWARE DEVELOPER**, OLD DOMINION FREIGHT LINE, THOMASVILLE, NC

ODFL is the best in class LTL freight carrier in the industry. I am a part of OD technology special projects team. I worked as full stack lead developer in multiple mission critical projects that drives the business. I provided solutions and designed large scales projects like freight pickup system, dock yard management system, yard optimization, pricing & rating api, billing system, freight inbound/outbound planning system, ESRI-GIS system, freight tracing system, freight appointment system, linehaul system, freight delivery system, customer dashboard , customer spot-pick system for internal users as well as external customers.

### Responsibilities:

- Led multiple projects as technical lead from scratch and was very involved in various aspect of project like estimating, designing, developing, testing, deployment and production support.
- Implemented and used **Agile Central** tool to implement **agile methodologies** for all projects with 1-3 weeks iterations followed by business demo and release of features after each iteration. Used **Kanban** approach on some of the projects.
- Recently started learning and implementing **DevOps** culture within our teams.
- I was part of containerization POC team. Evaluated and developed **Docker** containers and deployed it in **RedHat OpenShift clusters**.
- Recently started using twelve factor app design pattern for designing and developing **microservices**.
- Developed and implemented enterprise framework using **layered architecture** for every team to use.
- **Mentored** junior developers and interns by multiple lunch and learn sessions on Object Oriented Programming, Design Pattern, Standard practices.
- Used tools like **Invision, Loop11 and Piwik** for creating most user friendly web applications.
- Developed responsive and very user friendly web user interfaces with **Angular, TypeScript, Material Design, PrimeNG, PWA, JSF, Primefaces, Omnifaces, JavaScript, JQuery, Foundation, Bootstrap, HTML5, CSS3, SCSS**.
- Designed and developed backend services for critical business logic using **Spring boot, EJB, CDI**.
- Extensively used **Hibernate and Eclipselink** ORM for CRUD and calling stored procedure.
- Designed and developed few reactive application using **Vert.X and RxJS**.
- Used **JUnit and Mockito** frameworks for generating unit tests.
- Used **Maven, Gradle and Grunt** as build tool and configured **jfrog artifactory**
- Worked with multiple relational and non-relational databases like **Oracle, DB2, SQL server, MongoDB**
- Worked with multiple application servers like **Weblogic, WebSphere, JBoss, and Undertow**.
- Used version control repository for source code like **SVN, GitLab and GitHub**.

- Configured and developed continuous integration tools like **TeamCity** and **Travis CI** for continuous delivery.
- Used **Quartz** scheduler for created multiple batch jobs for maintenance. And developed custom dashboard for changing/chaining triggers on-demand
- Used **SonarQube**, **Whitehat Security** and **Collaborator** tools to create reliable, maintainable, and scalable bug-free codebase.
- Configured and used **AppDynamics** proactive performance monitoring tool.

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**07/2014 – 05/2015**

**SOFTWARE DEVELOPER, SUGARCRM, JERSEY CITY, NJ**

The project involved in developing Customer Relationship Management (CRM) web solution. CRM system allows businesses to manage business relationships, the data and information associated with them. We have developed CRM Dashboard for Admin, Business developer and Client. Admin can create user like Client and Business developer using his CRM Dashboard. Admin and Business developer can create, store, view, and update new client information. Admin and Business developer can create and view project details, payment details, meeting details with client, generate project reports using their CRM Dashboard. Here Client can view and update his contact detail, view Admin and/or Business developer's contact detail, his project detail, his payment detail and his meeting detail using his CRM Dashboard.

**Responsibilities:**

- Involved in design, analysis and testing phases of the software development life cycle of the project.
- Developed web application using **Spring MVC framework** where **servlets** act as controller, **JSPs** as views and **session beans** as model.
- Developed different web pages for CRM Dashboard using **JSP, HTML, and CSS**.
- Developed business logic by creating **EJB** stateless session beans for hibernate POJO classes.
- Used **Hibernate** ORM to map Java objects with the relational database in order to perform basic CRUD operations.
- Used **jQuery** library extensions to provide front-end functionality.
- Developed client-side validations using **JavaScript** to get dynamic data.
- Used Messaging layer by creating email messages using **JMS** API's to be generated asynchronously using **Glassfish Internal MOM**.
- Configured **JNDI** for each of these **JMS** Resources in Glassfish using which resources can be looked up from various resources and configured **Queues**.
- Used **JavaMail API** to send emails to client automatically about meeting details.
- Implemented **TDD** model by developing **JUnit** cases for unit testing purposes.
- Implemented **Maven** as a build and dependency management tool to eliminate various version related errors.
- Developed and deployed the web application using **Glassfish** Application server.
- Configured and implemented logging and debugging mechanism using **LOG4J** framework.
- Maintained code using SVN as source repository control tool and sonatype nexus as a Maven repository tool.

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**02/2012 – 05/2014**

**JAVA/JEE DEVELOPER**, TATVASOFT, GUJARAT, INDIA

TatvaSoft is technology consultant company. I worked on client website which operates in the rental markets for student and landlords seeking renters to rent their properties. It reduces the amount of time used by students in their search for apartments for rent and also provides a convenient and cost efficient means of reaching students using cutting edge technology. There will be time and cost savings for landlords and rental companies who are in student cities. The various options involved in the site are Posting, Reporting Feature, View list and Wish list, Photo/Image Management, Automatic workflow/information flow within the site and Search Capabilities.

**Responsibilities:**

- Extensively worked on **SpringMVC** Framework.
- Created user interfaces using **JSP**.
- Developed the Web Interface using **Servlets**, **Java Server Pages**, **HTML** and **CSS**.
- Developed the **DAO** objects using **JDBC**.
- Developed Business Services using the **Servlets** and **Java**.
- Developed and modified Servlets to accept and process request from the clients.
- Developed various objects using **java** and **HTML** and **DHTML** to maintain well-structured GUI and to interact with Controllers to get data from MySQL database.
- Used **JDBC** to connect the **MySQL** server with the relational database.
- User input validations done using **JavaScript** and developed use cases using **UML**.
- Extreme programming methodologies for replacing the existing code and testing in JEE environment.
- Developed POJO java classes for business layer.
- Developed database objects like tables, **views**, **stored procedures**, **indexes**.
- Used **Maven** as build and dependency management tool.
- Involved in testing and fixing the bugs using **JUnit**.
- Deployed WAR file on **apache tomcat server**.

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**06/2013 – 03/2014**

**ACADEMIC PROJECT**, GUJARAT TECHNOLOGICAL UNIVERSITY, GUJARAT, INDIA

I worked on project called electronic reader as part of my final year engineering project. This project involved creating hardware which can read from any written piece of paper and speak out. I have used **raspberry pi** as my processor which reads input from camera and does **optical character recognition** process on camera input to produces words and **text-to-speech** process on words to speak out.

## EDUCATION

**2010 -2014**

**BACHELOR OF ENGINEERING IN ELECTRONICS AND COMMUNICATIONS**

**ENGINEERING**, LD COLLEGE OF ENGINEERING, GUJARAT, INDIA

8.51 CGPA (~4 GPA)