

# UJJVAL HEMANT THAKKAR

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3 years experienced | Available - June 2018

## EDUCATION

**Northeastern University, Boston, MA, USA** | *Master of Science in Information Systems* **May 2018**

**Anna University, Chennai, TN, India** | *Bachelor of Technology in Information Technology* **April 2013**

**Coursework:** Web Design and User Experience Engineering, Web Development Tools & Methods, Data Management and Database Design, Advanced DBMS, Program Structures and Algorithms, Advanced Big-Data Applications and Indexing Techniques

## TECHNICAL SKILLS

<b>Programming Languages</b>	Java, C++(Proficient), Python(Beginner)
<b>Web Technologies</b>	HTML5, JavaScript, Bootstrap, Angular JS, jQuery, JSP, JPA, Servlets, AJAX, JSON, XML, XSD, CSS, SOAP
<b>Frameworks/Technologies</b>	J2EE, Spring MVC, Spring REST, JAX-RS, Hibernate(ORM), Maven, Tibco, iProcess, JUnit
<b>Tools</b>	Eclipse IDE, Spring Tool Suite, Git(SCM), SVN, Jenkins, Apache Tomcat, IBM RTC, HP QC, JIRA, RAD
<b>Database</b>	MySQL, Oracle 11g, SQL Server, DB2, MongoDB(Beginner), JDBC, Redis(Beginner)
<b>Big Data Ecosystem</b>	Hadoop, MapReduce, HDFS, Hive, Pig

## WORK EXPERIENCE

**FireEye, Inc., Milpitas, CA, USA**

**Associate Developer Intern**

**June 2017 – Aug. 2017**

- **Tech Stack:** Java, Maven, Spring Boot, JSON, RESTful, Salesforce API, Bootstrap, JavaScript, jQuery, AJAX, HTML5, CSS3, JIRA
- Developed an Order Automation Tool, a Spring MVC based web application which increased the process efficiency by 50%
- Implemented reusable UI components that reduced manual changes required if response from REST API had schema changes
- Proposed, designed and created client and server-side logging (Logback library) framework for debugging reported bugs
- Interacted with functional stakeholders to develop UI and its intended functionalities on the server side
- Improved code efficiency by identifying and resolving bugs in the current iteration of code

**Tata Consultancy Services (Client: Citi), Chennai, TN, India**

**Systems Engineer (Software Developer)**

**Nov. 2013 – July 2016**

- **Tech Stack:** Java, Spring Boot, Maven, REST, JAX-RS, JSON, Oracle, XML, SOAP, jQuery, Log4j, HTML5, CSS3, JavaScript, Tibco, Tibco iProcess, JMS, EMS, Agile, SOAP Web Services, SOAP UI, Tibco Staffware
- Implemented business solutions and SOAP, REST API endpoints in n-tier architecture(UI, Business Logic Layer, Data Access Layer)
- Contributed to all product development phases from application development, release, and support
- Participated and contributed to project ceremonies such as story grooming, daily standups, and retrospective meetings
- Managed environment setups (DEV, SIT, UAT), systems integration, testing sessions and application deployments across various sprints; Coordinated client requirement calls and tasks in line with product development
- Led a 6-member team (as a trainee) to architect, develop a Java-based web application (Java, JSP, JDBC, Servlets, Spring, Maven)
- Received Certificate of Appreciation from Citi group for continuous commitment, dedication to develop a product successfully

## ACADEMIC PROJECTS

**Insurance Domain Services ([Github Project Link](#))**

**Jan. 2018 – Apr. 2018**

- Developed Restful APIs using Spring Boot to perform GET, PUT, POST, and DELETE operations for offered insurance plans
- Implemented PATCH, MERGE, UPDATE to update fields without modifying JSON schema
- Incorporated role-based access authorization using OAuth 2.0; Utilized eTags for conditional GET and PUT request
- Utilized the Redis in-memory cache and indexed the data in Elasticsearch

**H1B Petitions Data Analysis ([Github Project Link](#))**

**Sept. 2017 – Dec. 2017**

- Utilized the Apache Hadoop MapReduce framework to perform big data analytics on H1-B Dataset consisting of million records
- Analyzed data using Java MR jobs (Summarization, Organization, and Filtering patterns), PIG scripts, HIVE queries

**MindShare - A Twitter Clone ([Github Project Link](#))**

**Jan. 2017 – Apr. 2017**

- Designed and developed a web application; a twitter clone using Spring MVC, STS IDE, Java, Hibernate ORM, JPA, HTML5, CSS, Bootstrap, jQuery, JavaScript, MySQL; Implemented Hibernate filters, client/server-side validations, multipart file upload

**HealthCare Database Design ([Github Project Link](#))**

**Jan. 2017 – Apr. 2017**

- Designed and documented a database for HealthCare requirement using SQL Server and Toad Modeler; implemented triggers, stored procedures, functions
- Developed a Spring MVC, Java, Hibernate based front-end application to perform CRUD operations on the database created

**NUFinder ([Project Demo Link](#))**

**Sept. 2016 – Dec. 2016**

- Developed a web-based application to find and report lost items using HTML5, CSS3, jQuery, Bootstrap, AngularJS, JavaScript
- Utilized Google Firebase for persistence and CSS media queries for mobile responsiveness
- Created controllers, directives and filters using AngularJS