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

Programming Languages	Java, C++(Proficient), Python(Beginner)
Web Technologies	HTML5, JavaScript, Bootstrap, Angular JS, jQuery, JSP, JPA, Servlets, AJAX, JSON, XML, XSD, CSS, SOAP
Frameworks/Technologies	J2EE, Spring MVC, Spring REST, JAX-RS, Hibernate(ORM), Maven, Tibco, iProcess, JUnit
Tools	Eclipse IDE, Spring Tool Suite, Git(SCM), SVN, Jenkins, Apache Tomcat, IBM RTC, HP QC, JIRA, RAD
Database	MySQL, Oracle 11g, SQL Server, DB2, MongoDB(Beginner), JDBC, Redis(Beginner)
Big Data Ecosystem	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   **Jan. 2018 – Present**
- 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 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