

## TUSHAR MALAKAR

Full Stack Java/python/Angular Developer

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### SUMMARY

- Designed & developed components using Java 8, Java EE, RESTful API (JAX-RS) with REST Easy, spring, Hibernate, JPA, Servlets, JSP, JSTL, JavaBeans, Design Patterns, PL/SQL, XML, XSD, JSON technologies.
- Expertise in various open source frameworks and tools such as Spring, Log4J 1.2.7
- Skillful in implementations of Service Oriented Architecture (SOA) using Java Web Services (SOAP, WSDL and UDDI).
- Extensive experience in front-end technologies like HTML5, CSS3, JavaScript, JSP, JQUERY and other JavaScript libraries.
- Proficient in using java development IDEs like Eclipse, My Eclipse, STS, Visual Studio Code, Net Beans and RAD.
- Skillful in implementing several object-oriented design patterns such as Model View Controller (MVC) frameworks, Front Controller, Service Locator, Singleton, Object Factory and Composite View.
- Expertise in implementing Service Oriented Architectures (SOA) using XML based Web Service such as SOAP, UDDI and WSDL.
- Extensive knowledge on Core Java technologies such as Multi-Threading, Exception Handling, Reflection, Collections, Singleton Objects, Java Internationalization, Swing components, Streams & File I/O.
- Strong in design and development of SOAP & Restful Web Services using WSDL, SOAP, JAX-WS, CXF, AXIS, JAX-RS, JERSEY and WS-Security.
- Experience in writing and executing unit test cases using JUnit Testing Framework.
- Experience in Configuring and deploying applications on Apache Tomcat 4.x, Web Sphere Application Server and BEA Web Logic server.
- Experience with Object Oriented Design and Object-Oriented Analysis, Complete System Life Cycle and UML.
- Strong expertise in designing and developing web pages using front end technologies such as HTML, CSS, JavaScript, JQuery, AngularJS, JSON and Bootstrap.
- Hands on experience using jQuery, Node JS, Bootstrap and Angular JS for changing styles dynamically, creating animating effects and manipulating DOM structures.
- Expertise in developing UI based GUIs using Java Applets, HTML5, DHTML, JavaScript, Typescript, AngularJS, ReactJs, Angular 7, and XML, DOJO, AJAX, JSF, JSP & spring form tags.
- Extensive experience in SQL programming language in MongoDB, Oracle PL/SQL, TSL, and MySQL database environments. Developed Stored procedures, Triggers, views, complex join queries; Strong and in-depth knowledge of various relation database systems.
- Good working knowledge on GIT and Heroku for code management and version control.
- Extensively used selenium web driver to test the web application and debugging individual test case.

### TECHNICAL SKILLS

Web/Application Servers	Apache Tomcat, Glassfish, XAMPP, WebLogic, Http-Server
J2EE Technologies	Servlets, JSP, MVC, OJB, Hibernate, Spring, Spring Boot, Log4J, JUNIT
Language	Java, C++, TypeScript, Ocaml, Json, XML, JavaScript
IDE Tools	Eclipse, NetBeans, Spring Tool Suite, IntelliJ, Visual Studio Code
Web Technologies	JavaScript, TypeScript, CSS/CSS3, HTML/HTML5, XML, JSP, jQuery, Angular, Node JS
Internet Protocols	HTTP, HTTPS, SOAP, TCP/IP, REST, WebSocket
Databases	MySQL, SQL Server
Testing Tools	JUnit, Jasmine, Postman
Version Control Tools	GitHub, Docker Image
Operating systems	Windows, UNIX, Android

### Education:

Hunter College/ City University of New York

(Expected Graduation: December 2019)

**Bachelor's in arts Degree - Computer Science (Major) and Mathematics (Minor)**

**Associate in Science Degree - Computer Science**

**GPA: 3.0**

**Honors:** Dean's List, 2017

**Courses Completed:**

- Software Analysis and Design, I & II
- Computer Architecture, Operating System, Computer Theory
- Object Oriented programming using Java
- Advance C++, Advance Applications: A Capstone for Major
- Calculus I & II, Discrete Structure, Discrete Mathematics

**Projects:** \_\_\_\_\_

- Designed [Angular7](#) website to collaborate Students, Implemented Microservices, HTTP protocol, Modules design, Stored Data in Mongodb, Used GIT for code management and version control, Postman to test endpoints, Implemented Angular Materials to make website responsive according to devices.
- Designed [Restful-API](#) using JAVA. Implemented JWT (session token) for Authentication. Used Maven to inject Dependencies such as log4j, Spring Boot, Jackson, Junit etc. and Tomcat v9.0 as Server. Used Core Java and Mongo database. JSON injection.
- Designed Realtime Messaging Application using Java, XML. Used firebase to store data and google authentication and Android Studio IDE tools.
- Designed Java project for “Statistics” of stock markets following XBO pattern. This console app will predict when you should buy or sell your stocks based on statistics of [stock market](#).
- Implemented Simulator for operation system, Binary Search Tree, Adelson-Velsky and Landis (AVL) Tree, HashMap, Priority Queue, STL\_Sorting, Dijkstra Algorithm using [C++ and Analyzed Run-time](#).
- Design a demo website to show my [resume](#).

**IT Experience:** \_\_\_\_\_

**DOE IT Assistant**, P. S. 149 Sojourner Truth, Mac Lab

3/15 – 6/19

- Conducted troubleshooting and fixed minor hardware/software related issues
- Assist students and teachers with computer use, software, and account log in
- Performed semester inventory of printers, laptops, and smartboards
- Managed IT lab for main campus library facility