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SUMMARY

- Experience of 3 years in full stack development using frameworks like Angular and Java Spring boot to create multi-tier applications.
- Proficient Java coding skills including Collections, Multithreading, Lambda, Stream API, Exception Handling and object-oriented design.
- Experience in using Angular Framework to create modern interactive front-end applications.
- Experience in using Spring Framework (Spring Core, Spring MVC, Spring ORM, Spring Web flow, Spring DAO, Spring AOP) to create reliable and scalable back-end services.
- Experience in developing RESTful Web services and consuming RESTful API using Postman and Spring Rest Template.
- Used Maven for build, deployment and integrated with Jenkins CI server for build automation.
- Experience in developing n-tier architecture systems with application system development using Core Java, JDBC, HTML, CSS, JavaScript, JPA, Servlets, JSP, Restful web services.
- Experience in executing test cases using testing tools such as JUnit and JMeter

TECHNICAL SKILLS

Programming Languages:	Java 8+, HTML, TypeScript, JavaScript, SQL
Database Servers:	MySQL Server, OracleDB Server, MongoDB
Framework/API:	Angular 11, Spring Boot, Hibernate, Node.js
Other Tools:	Maven, GIT, Jenkins, JMeter, Postman, Docker

EXPERIENCE

BNY Mellon- Pershing Technology (Jersey City, NJ)
Role: Lead Developer

Nov 2018 – Present
Document Management Team

- Removed all legacy front-end pages that were written in JSPs, jQuery and Dojo, then used Angular framework to recreate all existing UI pages while providing new functionalities to users.
- Created light-weighted and reusable dynamic front-end components using Angular Elements for other teams to consumed
- Worked with UX team and clients to create interactive and user-friendly UI interfaces
- Leading off-shore India team and together retired all complex legacy backend services that are based on outdated Java Servlets. Completely redesigned services' architecture using Java Spring Boot framework.
- Configured CI/CD pipelines to create docker images and deployed all rewritten back-end RESTful services into cloud environment
- Written testcases using Jasmine for Angular components and Junit + Mockito framework to perform unit testing for frontend and backend services. Also performed performance load testing using tools like JMeter.
- Involved with Sprint Planning, Sprint grooming, Allocation of User Stories using Jira and designed and developed the new features in the existing application to meet the customer's satisfaction.

Environment: Angular 11, Java 8, Spring Boot, Junit, RESTful Web Services, Hibernate, JavaScript, JSP, Maven, Jenkins, OracleDB

PERSONAL PROJECT

Home Video Viewer

This application was created to create a personal home-used video viewer website for playing video clips. These videos are downloaded and stored in personal home server, and users can navigate through the website to choose the videos they would like to view. This application supports basically functionalities like searching, sorting, and video viewing. It also supports functionalities like adding to queue list and saving favorites.

- Used Angular 11 with NgRx libraries to create UI interface that is very easy to navigate and responsive.
- Used Node.js as main backend framework for fetching video and the video's metadata.
- Used MongoDB to store video metadata and user's "Watch Later" and "Favorite" lists.
- Used Docker to create docker images and deploy this application to personal container in home server.

Online Stream Grabber

By calling online available API called streamlink, this Spring Boot RESTful application is created to record and store online streams from websites such as YouTube, Twitch, and showroom-live.com. Videos recorded are stored into personal home server then transfer to personal plex-server through 10 Gigabit networking to allow multiple users and accessibility for devices on different kinds of operating system anywhere and anytime.

- Used Spring Boot as main framework for RESTful API design and consume an online available API called streamlink.
- Used Hibernate/JPA framework to connect to Oracle Database to store information of each recorded videos
- Used Maven and Jenkins to deploy this application to personal home server
- Used simple HTML, JavaScript, CSS and JSP to create front-end user interface to control application.
- Used multithreading to allow application to handle requests and record multiple videos simultaneously.

EDUCATION

Rutgers University – New Brunswick, Bachelor of Science in Computer Science