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Profile:

Experienced Web Developer adept in all stages of advanced web development. Adept in making key decisions and working with other professionals to achieve goals and solve problems.

Able to effectively self-manage during independent projects, as well as collaborate as part of a productive team.

Experienced with the latest cutting edge development tools and procedures.

Employment History:

1. Full Stack Application Developer at IBM Chief Information Office (CIO) from Feb '22 to present.

2. Software Engineer at TestYantra software solutions from Aug '20 to Feb'22.

Skills :

- Good knowledge in Java , Collections , Exception Handling , J2EE , JDBC, Data structures , File handling.
- MySQL , PostgreSQL , IBM DB2, RDBMS , Hibernate , ORDBMS , Hibernate mapping.
- Angular , ReactJS , TypeScript , Javascript , HTML, CSS , (Willing to learn & work on any other frontend frameworks) , ExpressJS for UI deployments.
- RESTful web services , Spring core , Spring MVC , Spring Boot , Spring Security , web app development , Jersey (JAX - rs)
- Shallow knowledge in ReactNative.
- Linux , Windows , Bash and Shell scripting.
- Excellent in problem solving and aptitude
- Good at Debugging.
- Very much interested in learning new technologies , Building and maintaining quality web applications.
- Basic Knowledge in AI , ML , Python, numpy, pandas, Jupyter notebook, IBM Watson.
- Completed AGILE certification in IBM and have been using JIRA and attending scrums regularly.

Experience Summary:

- 3+ years of experience as a Full Stack developer.
- 1.5+ Years of relevant experience in Angular development
- 1.5 Years of relevant experience in react development
- 3+ experience on spring and spring boot applications
- Hands-on experience on java, Jersey , javascript , reactJs , Mysql , Hql , H2Database , spring batch , redis
- Hands-on experience on payment (Card,Echeck) details persistence (PCI compliant)
- Hands-on experience on Hibernate , utility jars
- Hands-on experience on unit testing Junits , TDD and mockito.
- Hands-on experience on complex design and implementation.
- Hands-on experience with Chatbot implementation using IBM Watson and python
- Hands-on experience in data analysis and prediction using IBM datapak and python with Jupyter notebook
- Hands-on experience on Express JS for UI deployments.
- Hands-on experience with docker and jenkins and CIO-CICD
- Hands-on experience on SSO implementation.
- Adept with AGILE and have been using JIRA since the start of career.

Technologies:

- Languages : Java , JavaScript , Typescript
- Frameworks : Spring , Spring Boot , Hibernate , Angular ,Carbon Bootstrap
- Library : ReactJS
- Web servers : Tomcat , OpenLiberty , ExpressJS
- Code quality Tools : SonarLint, SonarQube , ESLint ,HCL app scan
- IDE : IntelliJ, Eclipse , VSCode , Pycharm
- VCS : Git
- Build Tools : Maven , Gradle
- Logging tools : log4j
- other tools : Postman ,Jupyter notebook
- Testing frameworks : Junit , Jest.

Education:

- Bachelor of Engineering (Computer science and engineering)
From University college of engineering ,Trichy (BIT campus)
- 93 % and 93.1% on HSC and SSLC respectively from Tamilnadu state board..
- Took courses from JSpiders.

Project Experience (from TestYantra)

1. File generator / File mapper :

Description :

A file generator which requires reading a csv into In memory database and querying appropriate results and writing appropriate results into another file according to the specs.

Technologies used : Java , H2 , JDBC.

Roles : Design , Development and Dev Testing

2. Account hierarchy:

Description :

A specific user account that must support having child accounts and any properties of the child account should reflect (such as accounting , balance , etc.) to the parent account.
Altered the data model.

Technologies used : Java , Mysql , ReactJS.

Roles : Development, Dev Testing ,Design (Partial with leads)

3. Switch plan:

Description :

A subscription should be switchable to a price plan of another product , or outside of its category.

Technologies used : Java , Mysql , ReactJS , GWT

Roles : Design , Development and Dev Testing

4. Payment profile CRUD to an account :

Description :

The user must be able to add,Update,Delete,Display a payment profile (Card and Echeck) which supports different payment gateways which should be PCI compliant With reactJs slider support. This has to be supported through RestAPIs too.

Technologies used : Java , ReactJS ,GWT, Mysql

Roles : Development, Dev Testing ,Design(UI)

Project Experience with IBM :

1. Seat Management Tool:

Description :

Worked on developing a complex UI which has a floor map rendered using angular with dynamic seat selection operations similar to Any ticket booking platform such as *BookMyShow*.

Worked on angular rx-js and developed many screens with state management and minimal API calls.

Worked on ng-rx state management which acts as a store for application state.

Worked on Implementing SSO (Single sign on) , Chatbot using watson

Worked on developing multiple batches using spring batch.

Worked on deployment setup of UI using express server and backend using open liberty.

Technologies Used : Angular , Spring boot ,PostgreSQL , Express

Roles : Development , Testing , Deployment , Design (with team)

2. Leave Reconciliation Portal

Description:

Developed the whole UI from scratch using angular

Written shell scripts to pull data from multiple resources and load to a DB
Worked on utility jar that compares and corrects the data and generates the UI

Worked on developing a chatbot (disha) using ibm watson and custom made chat box UI using angular with *Draggable chat icon on screen*.

Written REST-API's using spring boot and deployment setup of UI using express server and backend using open liberty.

Delivered the whole application with compliance and without any vulnerabilities.

Technologies Used : Angular , Spring boot , IBM DB2 , Express
Roles : Development , Testing , Deployment , Design

3. Extracurricular Activities:

- Participated in CIO - hackathon as a team and developed a tool to which predicts employee attrition using Jupyter notebook , Python , Spring boot , angular , chartJS , IBM data pak
- Participated in an event called ideathon and helped people to solution their ideas into a working app.