Ankita Srivastava



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Associate Consultant at Capgemini

Summary



Having worked as a Associate Consultant at one of the leading multinational organization Capgemini with over 2 years in software development, I am looking for a role which lets me utilize my technical experience and knowledge efficiently for my personal and organizational growth.

Work History



Aug 20th- Present Associate Consultant

Capgemini

I have worked with a team towards developing software applications for various clients which involves development of java based standalone applications and web applications adding Web Services for it.

**Projects**

1. **SST –**

* Worked in SST Application as a part of the General Electric –GE POWER. Technology involved for making the application included PREDIX 2.0, Spring Boot, Java, HTML 5, AngularJS, PolymerJS and Postgres.

**Project summary:**

1. An On-premise solution targeting the Indian Customer.

2. Application to deploy the analytic on the client plant location and display the analytic result on User Interface

3.Scheduling execution of Analytics and display the Alarms generated by the Analytics

4. The application uses Proficy Historian to read the Real-time data to execute an Analytic

5. Application Makes use of Postgres to store all transaction Data, configuration level details and Asset Hierarchy.

6. Polymer components were used to create interactive User interface.

7. The Authentication and Authorization was implemented using Java service.

8. Kairos DB were used to store the timeseries output data.

9.Grafana BI tool was integrated with Kairos DB to generate efficient Graphs.

**Role:** Full stackDeveloper

**Technologies:** Polymer JS, Spring Boot, HTML 5, Proficy Historian, KiarosDB , Cassandra, Grafana, Java , Postgres, Installers,Windows Server 2012

**Development responsibilities:**

1. Direct interaction with Client as work on Client Location
2. Development of Customer view application and remote analytic deployment application using PolymerJS 1.0.
3. Development of reusable components using PolymerJS 1.0
4. Designing of Database Schema.
5. Demos and presentation

3. Development of Restful web services using Spring Boot technology.

4.Development of User Interface and Remote Deployment UI using PREDIX 2.0.

5. Development of JAVA Scheduler to execute multithread execution of Analytic

6. Validation of Analytics as per ARF standard

7. Integration, testing and Deployment of webapp and Services

8. Installation and setup of Kairos and Cassandra

1. **Installation Lifecycle Management**–

A Digital Representation of Physical asset’s life cycle. It Provides Asset Data Visualization, Operational Intelligence & Assistance on Survey, Installation & Audits.

**Project summary:**

The installation and servicing process is entirely processed using web app and survey is performed using mobile app.

Role Based User Access for Project Manager and Contractor

Used Predix platform(Paas) for deployment and maintaining the application.

Application uses UAA service for authentication, Blobstore service for uploading the media (files,images), postgres service for relational database and Asset service for NoSQL database.

Web app uses google map Geo location API for visualizing the assets on entire globe.

**Role :**Developer

**Technologies :** AngularJS, Spring Boot, HTML 5, Predix Timeseries, Predix Asset Service, Postgres,

**Development responsibilities:**

1. Development of Restful web services using Spring Boot technology.

2. Application deployment in Cloud Foundry.

3. Code versioning using Git repository.

3. Development of web app using AngularJS, Polymers JS

1. **Digital Industrial Lab**–

A Customer Experience Center(COE) was build to give the customer a real life experience of emerging technology

**Project summary:**

Connected Container – a product in COE which monitor the location and health of Asset. The solution was developed to target Freight industry.

A hardware device was developed to monitor various criteria inside an container. Real time data was sent to Predix cloud. In background analytic keeps executing consuming the real time data and generating the Alarm if required.

**Role :**Product Owner

**Technologies :** PolymerJS, Spring Boot, HTML 5, Predix Timeseries, Predix Analytic, Postgres, Rasberry PI, Python,C,SVN

**Development responsibilities:**

1. Designing and budgeting of the Idea.

2. Developing of a working model for COE which included Hardware device to be mounted inside container, Line Follower Truck to demonstrate Container movement and landscape designing.

3. Development of RESTFUL webservices to send and fetch data from Postgres and Timeseries DB.

4. Hardware configuration which includes RasberryPi setup and configuration, NodeMCU, Sensor configuration, Arduino sketches to read sensor.

5. Development of web app using AngularJS, Polymers.

6. Leading team to develop the solution

7. Demo’s and presentation

**Trainings Attended**

* Spring boot web services using STS, HTML 5 ,AngularJs
* Predix BootCamp

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|  |  | Skills |  |  |
| **Technologies** |  |  |  |
| PolymerJS,AngularJS, HTML5, Maven,Core Java, Spring , SQL, SpringBoot | | |  |
| **Database** | MySql,Postgres, | | |  |
| **Configuration Tools** | Git Repo,Svn repo | | |  |

**Tools and other Utilities** Eclipse, SpringToolSuite(STS), SOAP UI ,RestClient

Certifications Awards and Recognition 

* Core Java – Core java from Aradhya Brilliance center.
* Star of the Month award for July-August in 2017.

Education

Jun 2011 - May 2015 Bachelor of Engineering(CS)

KNS Institute of Technology, 71.5%

2010-2011 KV- 12th

CBSE Board 74%

2008-2009 KV – 10th

CBSE Board 84%

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|  |  | Personal Information |  |
| **Date of Birth** |  |  |
| 9th Jan 1994 | |  |
| **Languages** | English, Hindi | |  |
| **Hobbies** | Reading Novels , Dancing, Painting | |  |

