Sumeet Kumar Barua

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CAREER OBJECTIVE

To be part of a progressive organisation which provides me with opportunities to grow professionally and personally and contribute to organisational growth.

PROFILE SUMMARY

- Systems Engineer at Infosys with around 2 years of experience in SQL, Java, Hibernate, JSP, JSF.
- Currently working in Agile (Scrum project), Git and Jenkins.
- Have also knowledge of OOPs concepts.
- Have worked on MATLAB and circuit simulators like Multism.

TECHNICAL SKILLS

Programming Languages	Java, HTML, Javascript
Back end	SQL, ORACLE 11g
IDE	Eclipse
Build Tool/VCS/Others	Maven, Git, Hibernate, JUnit, Log4j

EDUCATIONAL QUALIFICATIONS

Qualification	School/College	Board/University	Year	Percentage
B.TECH(EEE)	IIIT Bhubaneswar	IIIT Bhubaneswar	2015	**8.47 CGPA**
AISSCE	Dalmia Vidya Mandir, Rajgangpur	CBSE	2010	**84.8%**
AISSE	S.A.I.E.R.C , Rajgangpur	CBSE	2008	**87.5%**

PROFESSIONAL EXPERIENCE

- Currently working as **Systems Engineer** with **Infosys Ltd., Mysore** from **May 2015 – Till Now.**

Job Summary:

Project 1	**FactsBox (**https://github.com/SumeetKumarBarua/FactsBox-Heroku-Edition)
Description	• It gives the user interesting facts on different areas of science in random manner
Skills Used Tools Used Responsibilities	• Core Java, SQL, Hibernate, Angular js, RESTful web services, Git and Maven. • Eclipse, Oracle 11g, Apache Tomcat and Heroku for deploying the application • Completed the application from back-end to front-end (https://factsbox.herokuapp.com/)

Project 2	**Mobile Comparision Application**
Description	• It involves comparison of two or more mobile phones based on its specification.
Skills Used Tools Used Responsibilities	• Angular js, RESTful web services, Git, Maven and Jenkins. • Eclipse, Oracle 11g, Apache Tomcat • Completed a module for the existing application which includes filtering of mobiles • Debugging the application and ensuring the functional requirements are met • Continous Integration and deployment using Git, Maven and Jenkins • Also following Scrum methodology for the development of the application

Project 3	JCart Application
Description	• It gives a platform for online shopping experience which involves sale of products and post-sale assistance for better customer experience
Skills Used Tools Used Responsibilities	• JEE, Hibernate, JSP, JSF, JUnit, Log4j • Eclipse, Oracle 11g, Apache Tomcat • Completed several modules for the existing application which includes filtering of products based on specifications • Debugging the application and ensuring the functional requirements are met • Developed various modules and followed Factory pattern

Project 4	JRail Application
Description	• It provides an online experience of booking and cancellation of tickets, fare estimation and preparing journey list
Skills Used Tools Used Responsibilities	• JEE, Hibernate, JSP, JSF, JUnit, Log4j • Eclipse, Oracle 11g, Apache Tomcat • Completed several modules for the existing application which includes booking and cancellation of the tickets • Debugging the application and ensuring the functional requirements are met

ACADEMIC PROJECTS

Project 1	Currency Note Identification for Visually Impaired Person
Description	• A device which can detect the currency note value using a camera and then send an audio signal informing the blind person of the currency value. • This project was selected among the 365 projects all over India (TI-ADC-2014).

Project 2	Design of LLC Converter
Description	• To study and design a LLC Converter which reduces switching loss through ZVS and has improved efficiency.
Platform	Matlab

Project 3	Design, Modelling and simulation of PEM Fuel cell
Description	• This project presents a study of dynamic behaviour of 1.2kW Nexa PEM fuel cell. • The model of fuel cell along with the LLC resonant converter with ZVS feature is discussed based on the Simulation results obtained using MATLAB/Simulink environment for the effectiveness of the study
Platform	Matlab

STRENGTHS

- Can adapt to different environments, roles and responsibilities
- Leadership skills and ability to work as a team

ACADEMIC ACHIEVEMENTS & EXTRACURRICULAR ACTIVITIES

- Quarterfinalist at a national level contest "TEXAS INSTRUMENTS ANALOG DESIGN CONTEST-2014" and worked on the project "Currency Identification Solution by Visually Impaired".
- Virtual Internship at "Mulessons" and awarded the best Intern on the content creation for Engineering students including 73 educational videos.
- Reading motivational books and studying courses from MOOCs (EDX).