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Abhishek Rai

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Education

MASTER OF SCIENCE IN INFORMATION SYSTEMS & DECISION SCIENCES | CALIFORNIA STATE UNIVERSITY, FULLERTON| GPA 3.33

BACHELOR'S. IN COMPUTER SCIENCE | SDM COLLEGE OF ENGINEERING & TECHNOLOGY, DHARWAD, INDIA|GPA 3.7

Professional Experience

WEB DESIGNER (Grad. Student)　　　**MIHAYLO COLLEGE OF BUSINESS & ECONOMICS**　　　**NOV 2016 – FEB 2018**

- Developing College of Communication Website using **HTML, CSS, JavaScript, ASP and Omni Update (CMS)**.
- Utilizing **SQL queries** to generate reports from student records for academic improvement analysis.
- Handling **JSON/XML** data for news feed, which API would send back in response.
- Responsible for making websites accessible as per **508** and **CSU's Accessible Technology Initiative (ATI)**.
- Interacting with different departments and clients for understanding requirements and resolving production issues.

SOFTWARE ENGINEERING SENIOR ANALYST　　　**ACCENTURE SVC. PVT. LTD. - INDIA**　　　**JUN 2012 - JUL 2016**

Primary Skill: Dot Net Developer　　　**Secondary Skill:** Financial Services (Insurance & Claims)

Worked for US clients: Allstate Insurance and Axis Capital

Roles and responsibilities – Full Stack development of Web apps starting from Analysis, Design, Development, application maintenance and support and root cause analysis of client's IT system.

- Experience working on **ASP.net** for building **web application** in **MVC architecture**.
- Worked on developing **User Interface (UI)** for web applications using **HTML, CSS, and JavaScript**.
- **Web application deployment** on **Internet Information Services** web servers in environments such as QA, UAT and production.
- Worked on **Oracle SQL 10g, SQL server** Management **2012, 2015** to perform **ADO.net** operations on DB.
- Interacting with clients from US on a regular basis in order to **understand business requirement design and convert it into technical solutions**. Working on Automations to reduce manual work load.
- **System Testing, developing test cases for Automation Testing**, **change control management** and working closely with **Release Management** team at the time of Go Live.
- Working on **Incidents** as well as **PRBs** to fix a bug in production.
- Test case management using **HPSM** and **Service Now**. Version Control using **TFS.**
- Responsible for sending daily claims bill processing status reports to senior management.
- Working on technical and functional requirement gathering and analysis at various stages of **SDLC**
- Worked on developing **Automated Unit Testing Solution (AUTS) project using ASP.net, Microsoft Reflects and Fx-Cop** which could generate automated test case for any function without any dependencies on DB and exposed web-services.
- Developed **International Claims Application using MVC5 and WCF(SOAP/REST)** to capture all the related information of the TPA/Broker and the financial details of the insurance claims in and accordance with the policy taken.
- Hands on experience on **Functional** as well as **Automation Testing**. Worked on tools like **Coded UI** and **Selenium WebDriver.**

Academic Projects

- **Predicting Flight Delays:** A data analytics project using **R programming** to build **Machine Learning** models in order to predict flight delays based on a dataset containing details of all the domestic flight in USA for the year 2015. Using **ggplot2** libraries of R and **Tableau 10.5** to perform visualizations.
- **IBM HR analytics dataset:** A **data mining** project to implement **machine learning** models using R and XL-miner to accurately predict employee attrition, so that any organization can take steps to keep their employees happy and less susceptible to competitive overtures as well as save on time and money to hire somebody else.
- **Target Enterprise sales system:** Design and implement a database for a small mail ordering company exporting variety of consumer goods and to build an online ordering and dispatching system which included inventory mgmt., Auto updates on inventory and order status in every 24 hours and provide day to day report, Update the current database to centralized database like **Microsoft SQL server 2014** and Store customer information and link it with their purchase history.
- **Car dealership sales project:** The project was to integrate a car dealership business operation, including online-offline sales and inventory mgmt. The entire project was divided in following 5 tasks: **Recording vehicle information, match customer to vehicle, recording customer information, determining promotional offers and finally determining salesperson's commission**. We used **MS VISIO** tool to develop **use-case diagrams, activity diagrams, E-R diagrams, WNDs**. Also, we designed UIs for each of the five tasks.

Technical Skills

Certifications: Microsoft MCPDE certified in .net

- C#, C++, C, Java, R-programming, Python(Learning), Machine Learning, Data warehousing, SQL
- ADO.NET, ASP.NET, WCF, HTML, CSS, AJAX, JSON, XML, MVC framework, Oracle SQL, SSMS, Tableau, VISIO, XL-Miner, SSIS, SSRS, SSAS
- Windows, Linux, MS Office, Visual Studio, Net Beans, Coded UI, Selenium WebDriver.
- MS-EXCEL (Linear Programming, Goal seek, Data Analysis, Solver), MS Access, PowerPoint