Sruthi Divya K

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Experience Summary

* 7.9 years of experience in development, implementation of projects, Teaching and Research.
* Major responsibilities include various SDLC phases like requirement analysis, Technical Design, Development, Coding, Manual Testing, Review etc.

Skills Summary

* 4years experience as Salesforce Developer at Cedar-Infotech (March 2015-April 2019)
* 1.6 years of experience in R&D and Teaching at Vardhaman College of Engineering as Assistant Professor– ECE Dept.
* 2.3 years of experience in .Net as Software Engineer.
* Seminars on CDMA and GSM, System on Chip (SOC’s), 3D Chip technology.
* Low power VLSI Design: 85%
* Languages known: English, German, Telugu and Hindi
* Diploma in Professional Photography

Publications

* VLSI Implementation of Parallel and Asynchronous Decoder for Wireless Communications Applications in **NATIONAL CONFERENCE (AICTE Sponsored)** on **SIGNAL PROCESSING & EMBEDDED SYSTEMS APPLICATIONS.**
* ***K.Sruthi Divya****, S.Rajendar K* **VLSI Implementation of Parallel and Asynchronous Decoder for Wireless Communications Applications, COSMOS-2011.**
* **K.Sruthi Divya**, S.Rajendar K. Jo, X.A. Cao, L.A. Hornak, D. Korakakis, T. Myers, and A. Timperman, *VLSI Implementation of Parallel and Asynchronous Decoder for Wireless Communications Applications* , **SPESA-2011**.

Degrees and Qualifications

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| **Year** | **Degree** | **College** |
| 2010– 2012 | Master of Technology (Digital Electronics and Communication Systems)- 68.9% | Mahaveer Institute of Science and Technology(JNTU), Hyderabad |
| 2002– 2006 | Bachelor of Technology (Electronics and Communications Engineering)-60% | Vardhaman College of Engineering(JNTU), Hyderabad Hyderabad |

Technical Skills

Languages: Cloud Computing- Salesforce CRM (Apex Programming), Eclipse Workspace June 2017 Oxygen, Java Scripts, HTML, XML, .NET with MVC 5, visual studio express 2013, C#.NET, .NET 3.0.

Reporting Tools: Crystal Reports

Databases: Microsoft SQL Server 2005/2008/2012, SSIS (2013), SOQL, SOSL, Triggers, Relational Database and Management Systems.

Relevant Project Experience Details:

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| * 1. **BTS (Beneficiary Tracking System)** | |
| Duration | **January 2018 to April 2019** |
| Role | Salesforce Developer |
| Client | NGO |

**Description**: BTS is a platform to track beneficiaries for NGO’s. It creates a database that stores information about beneficiaries, families, benefits, and training programs. It helps NGO’s better measure impact created by projects and help beneficiaries in more meaningful ways with insights into their situation and needs. The application helps connect beneficiaries to the right NGO’s who are better equipped to help them and promotes collaboration between NGO’s to help beneficiaries in multiple areas.

**Responsibilities**:

* Created custom objects and relationships, **tabs**, **Apex Classes, Lightning Pages** and their controllers, **Apex Triggers, Wrapper classes, Workflows, JavaScript functions**.
* Implemented controller class to display product images on **Lightning pages** from sObject attachment.
* Developed **Workflow rules, Workflow Approvals, email alerts** and **field updates** for business process.
* Integration with UI through **Heroku.**
* Developed **Custom Objects, Custom Reports** to dump the data on BTS and Tack their statistics.

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| * 1. **Sales Call Tracking System** | |
| Duration | **October 2016-December 2017** |
| Role | Salesforce Developer |
| Client | Ariel Property Advisor LLC |

**Description:**  
SCTS is an end-to-end Customer Relationship Management System. It’s a very user-friendly, powerful and customizable CRM tool to assist & managing the entire sales process. It covers the spectrum from pre sales to order tracking to payment follow ups & Support Requests Tracking. It also supports including time and effort spent by technical teams for customer related projects. CRM Solution has various modules like Customer, Contacts, Documents, Admin and etc.

**Responsibilities:**

* Design, developed and deployed Apex Classes and Apex Triggers for various functional.
* Creating Apex Classes, Visualforce Pages and Triggers for full filling the client requirements.
* Implemented Apex Callouts to external services using REST API.
* Customizing record types, tabs, list views, column fields and page layouts.
* Track knowledge Initiatives lead by Protocol automation ltd users and employees using Sales force customizations, Apex programming, Visual force, Reports generation and data migration.

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| * 1. **Ariel Property Advisor (APA)** | |
| Duration | **Sept 2015 to Sept 2016** |
| Role | Salesforce Developer |
| Client | Ariel Property Advisor LLC |

**Description:**

This application is related to Real estate application. Using this application sell the properties and store the properties information. In this application there are two modules. One is APA module and another one is Non-APA Module. In APA module, Arial Property Advisors are involved when selling the properties. In Non-APA module, Ariel Property Advisors are not involved when selling the properties.

**Responsibilities:**

* Upgraded some Apps from Salesforce Classic to Lightning Experience to develop rich

User interface and better interaction of pages.

* Performed Configuration changes based on the user stories.
* Developed Apex Classes and used Triggers for full filling the client requirements.
* Worked on Batch apex, and Schedule apex.

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| **4. Conference Management** | |
| Duration | March 2015 to Sept 2015 |
| Using | Apex Programing |

Project Abstract

Conference management is an application tab that involves the Session/Conference timings and the level of importance of the session and date/time assigned to it. Sessions are acted upon based on the priority level. It has data model between session, speaker and session speaker custom objects with session (date/time), description and Level picklist with beginner, intermediate and advanced values, and speaker object with speaker number, first name, last name and bio. The application tab can be accessed by the System Administrator and he can give permissions based on the profile hierarchy.

Responsibilities

* Creation of Data Model. Master- Detail Relationship
* Creating Custom Objects, Apex Coding, App creation and SOQL statements in Developer Console.
* Permissions to the System Admin. Profile Hierarchy.

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| **5. ISUPPORT** | |
| Duration | May 2008 to Aug 2008 |
| Platform | .NET |
| Organization | Mold-Tek Technologies, Hyderabad |

Description:

Mainly focuses on defining the project such as the client details and their quotations. Tasks for the day, steps and sub steps are allotted each day to the respective employees based on their project related tasks. The authentication is given based on the levels of the employees by the HR.

Responsibilities

* Gathering information from the client and creating a presentation in Power point for clear understanding.
* Database tables and fields creation with primary key.
* C# with Asp.net coding.
* Giving the Authentication to the employees on the website.
* Manual testing with test cases on the excel sheets.

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| **6. OFFICE M8** | |
| Duration | Dec 2007 to April 2008 |
| Platform | .NET |
| Organization | Scandant Solutions |

Description:

Office M8 is a web based office management which enables paperless, agile & efficient offices. It provides Mail Management, Work Assignment, Work Status report, Knowledge Base, Document Management, Leave Management with leave application & approval forms, Users, Security & Privileges.

**Responsibilities**

* Creating Database fields and giving parent child relationships.
* C# with Asp.net Coding.
* Security based on Authorization and Authentication levels.
* Manual Testing.

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| **7. Smart Card Health Security System.** | |
| Duration | May 2007–Nov 2007 |
| Tools Used | ASP.NET with C#, SQL Server,SSIS, SSRS |
| Organization | Scandant Solutions |
| Client | Ross Medicaid Group, USA. |

**Description:**

This project aims at providing corporate information and hospital statistics on the Internet. And can also Integrate information into the existing web page of the company but the access to it would be restricted to the Chairman and Directors or admin who has been authorized or register users. This information is shared to all the branches of the Hospital group so that they can maintain global information of the group.

Responsibilities

* Gathering Requirements from client and designing workflow from requirements
* Involved in preparing Program Specification docs and unit test cases
* Coding C# with Asp.net. SQL Server Reporting Services (**SSRS**), SQL Server Integration Services (SSIS).
* Manual Testing with Test cases in Excel Sheets

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| **8. E-Banking** | |
| Duration | Dec 2006 to April 2007 |
| Organization | Scandant Solutions |
| Client | Northern Bank, England |
| Languages/Environment | ASP.Net, C#, SQL Server, SSIS |

Description:

E-Banking the bank wants to introduce the core concept of IT based Enabled Server (ITES). The E-Banking services are executed by the customer, and these e-banking services would fully integrate with the core banking solution that is already in usage. The major idea is to provide a series of services to the customer through the internet, and make the customer feel flexible in calling out simple tasks faster instead of visiting the bank every time.

Responsibilities

* Involving in the discussions to understand the process flow and feed formats
* Design, Coding and testing the requirement.
* Version Maintenance.
* Prepared User manuals with screenshots.

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| **9. PIVS (Intranet)** | |
| Duration | March 2006 to Nov 2006 |
| Client | CDL Training Inc USA |
| Environment | ASP.NET with C#, SQL Server, SSIS, SSRS. |
| Organization | Scandant Solutions |

Description:

The core of the project is converting physical files into electronic data. The physical file is first scanned and keyed via a tool to generate flat files. We use database for our process of converting images into data that we have to upload the customer images into the database for further processing. This project is developed for a US client, Whitman Hanson; a schooling organization.

Responsibilities

* Gathering Requirements from client and designing workflow from requirements
* Involved in preparing Program Specification docs and unit test cases
* Coding.
* Unit Testing, Bug fixing.

Masters Dissertation

Duration: 1 Year

College: Vardhaman College of Engineering.

Project: VLSI Implementation of Parallel and Asynchronous Decoder for Wireless Communications Applications.

We used Verilog code for a parallel processing Viterbi decoder on the hardware architecture for parallel processing as well as parameters for channel coding, which made it easy to find the optimum architecture under the specified working speed and CMOS technology. We applied the proposed method to the design of Viterbi decoders for the wireless communication systems, in which it is an important issue to find the optimum architecture working at the speed of 132MHz in 4-way parallel processing. Software and Hardware’s used: VHDL & VERILOG (Xilinx ISE Design Suite 13.1), Test Bench, RTL (Schematics) in VHDL and Verilog, Verification, Physical Design and fabrication, Simulation and Debugging.

**BTECH Final Year project**

TATA TELESERVICES LIMITED (TTSL), Hyderabad.

Duration: 6 months

**Project: Automated tool for improving the performance of Tata Tele-Services in Andhra Pradesh Circle for both wireless and wire line networks by issuing a ticket to the employee with the Alarm details.**

Software Used: VB 6.0, UNIX Shell Scripting & SQL Server as Database

This project involves the entire wireless and wireline networks of TTSL with emphasis on the Executive Cellular processor (ECP) Module, Digital Cellular Switches (DCS) Module and Global System for Mobile (GSM) Module, Code Division Multiple Access (CDMA) Modules. It works in a more feasible, user-friendly & interactive environment. Provides VB 6.0 forms as output where the user can easily view the type of alarm, reason and actions to be taken with a provision for updating the new alarms & Trouble Ticketing. A database is created with the type of the alarm and the precautions to be taken to overcome it. Report generator will help making the up-to-date report of the progress in the improvement of the performance of the network.