

Sruthi Puthan Valappil

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EDUCATION

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| • University of South Carolina, Columbia, SC | Columbia, SC |
| Master of Science in Computer Science | Expected Graduation Aug 2019 |
| • Cochin University of Science and Technology, India | Kerala, India |
| Bachelor of Technology in Electronics and Communication | CGPA: 3.4 May 2011 |

EXPERIENCE

- Infosys Lt, Chennai, India** **June 2011– June 2014**
Senior Systems Engineer
- Developed hospital management system (Web design) using Java NetBeans IDE, MySQL 5.5 and HTML/CSS.
 - Experience in insurance domain-Data from trading hub (Acturis Data Warehouse (SDW)) is integrated to Legacy Mainframe system (IS2000) via SAS Integration layer. The process is to sync the existing data and Acturis eTrading hub efficiently, where ETL plays a major role in data migration.
 - Developed SAS programs and Unix Scripts which were reusable across all modules in the Commercial Etrading project.
 - Developed Mapplets, Transformations, Mappings and Workflows in Informatica powerCenter (Staging, Tactical (SCD-Type2, PDO enabled) with logics catering to various business requirements In FATCA project).
 - Part of the production support team (team of 4) from client site post code delivery of Commercial Etrading project.
 - Handled knowledge transfer sessions with the team members on various acquired skills such as Base SAS programming, Unix Scripting, Data Mining tools, ETL tools and etc.
 - Data Modelling to support databases like SQL Server and Oracle, DB2.

Infosys Lt **June 2011 - Dec 2011**

Internship

web page design, Developed hospital management system (Web design) using java NetBeans IDE, MySQL 5.5 and HTML/CSS.

Got professional training in Java programming, Databases and Programming languages C, C++, Unix, Perl, Java and python.

PROJECTS

- Name of the Project: FATCA (Foreign Account Compliance Act)** **Nov 2013 - March 2014**
Client : Royal Bank of Scotland, UK
Skills : ETL-Informatica PowerCenter 9.1, Teradata, UNIX, SQL Server, Teradata
Role : Senior Systems Engineer- Developer
Team Size : 20
Description: FATCA is a United States act that requires United States persons, including individuals who live outside the United States, to report their financial accounts held outside of the United States, and requires foreign financial institutions to report to the Internal Revenue Service (IRS) about their American clients. I Developed Mapplets, Transformations, Mappings and Workflows in Informatica powerCenter (Staging, Tactical (SCD-Type2, PDO enabled) with logics catering to various business requirements).

Name of the Project: Commercial E-Trading **Jan 2011 - Nov 2013**

Client : Royal Bank of Scotland, UK

Skills : Data mining, ETL tools-SAS programming, Informatica, Unix shell scripting, SQL Server

Role : Senior Systems Engineer

Team Size : 20

Description: Commercial E-Trading, aimed at effectively administering policies sold via Trading Hub. Developed SAS DI Transformations, SAS Macros, Unix Scripts and Workflows with logics catering to various business requirements. I was also the Part of the production support team from client site post code delivery.

Undergraduate Projects

1. Optic disc localization of retinal images using Histogram matching for the diagnosis of diabetic retinopathy (using MATLAB)
2. Circuit design and development of Power inverter using a car battery.

Achievements

- Secured a rank of 2231 in Common Admission Test (CAT) conducted by the Cochin University of Science and Technology among 57400 aspirants.
- FSI INSTA AWARD Q2 FY 2014 for the best performance shown towards the project RBS Etrading.
- Successfully implemented intermediate module for Etrade downstream project single handedly.
- Published document on the topic 'Reusability of user written transformations in SAS DI, with a real time scenario' which got uploaded in KSHOP portal, Infosys Lt post COE Approval.
- Best outgoing student award for securing 96.6% in High School.
- CGPA of 4.7 out of 5 during Infosys training.
- Won 1st prize in sub district level science fair competition at my school level.
- Placed in Infosys Lt India in the undergraduate senior year.
- Placed in Patni Computer Systems (IGATE) in the undergraduate senior year.
- President Award / Rashtrapati Puraskar - Scouts and Guides - India 2005.

CERTIFICATIONS

Certified in Programming in HTML5 with JavaScript and CSS3. (Microsoft Certification)
Certified in Unix Programming (Technical, Infosys Ltd.)

SKILLS

Programming Languages : C, C++, Java, VB Scripting, Base SAS, Matlab
Web Technologies : HTML, XML, CSS
Databases : Teradata, SQL Server, Oracle, DB2
Scripting Languages : JavaScript, Python, Unix, Perl
Tools : SAS DI 4.3 with Base SAS, Informatica Power Center 8.5/9.1

Co-Curricular Activities

- Member of Magazine editorial board at college.
- Member of college Throw ball team (Girls).
- Event organizer in all college, school day functions and technical events.
- Volunteering in campus recruitment events.
- Participated and won prizes in several Quiz/Essay writing competitions and arts festivals in school/district levels.
- Won lot of medals in sports competitions during School days.
- Captain of house at school level.
- Awarded 'President Scout & Guide award' (signed by honorable then president of India Dr. APJ Abdul Kalam) for scouting and services during high school.