

SUDIPTA PAL

Email: sudipta3.p@tcs.com **Contact:** +18139448361

Education

- Bachelor of Technology in Electrical engineering from Future Institute of Engineering & management under West Bengal University of Technology, India in 2009

Experience Summary

- Working as Associate Consultant with Tata Consultancy Services with 15 years of work experience in Banking and finance Domains.

Areas/Applications

- Banking and Retail Financial Service --- Mortgage Banking
- Banking and Finance

Computers Worked on

Computer System	Programming Languages	Special Software
Windows 10 & 11, Linux, MacOS	Java, VB script, Shell Script, PL-SQL, Python	HP ALM 11.52, HP Quality Centre 9.0 & 10.0, HP UFT 14.0, Selenium, HP LoadRunner 9.0, JIRA, Jenkins 2.0, Nexus, Putty, Tectia, SecureCRT, Puppet, Docker, Subversion, WIN SCP, Git, GitHub, ServiceNow, AppDynamics, Autosys, Control Center, OpenShift, Kibana

Certifications:

- ISEB ISTQB Foundation Level
- ITIL 2011 Foundation Level
- Python Programmer -PCEP-30-01
- AWS Solution Architect Associate

Career Profile

Since 2010

Tata Consultancy Services

Project	BAU Automation
Period	1 st July 2010 – 30 th Sept 2016
Client Name	Farm Credit Canada (FCC)
Position	Computer Programmer

Responsibilities

- Gather business requirements from business users and Subject Matter Experts (SME).
- Prepare Low Level specifications documents and Unit Test Plans.
- Active participation in scenario review meetings with Business users to understand the business.
- Development & maintenance of automated scripts using HP UFT, Selenium Web driver with TestNG and Maven for Business-Critical applications & its core functionalities.
- Developed function libraries using VB script in UFT.
- Identifying test data for scripts based on specific criteria /test data management by writing suitable queries using PL/SQL developer.
- Smoke testing of application after deployment as well as production validation.
- Perform Integration testing of changed programs.
- Worked with Jenkins tool for achieving the Continuous Integration.
- Automation of E2E flows.
- Maintained the Selenium & JAVA automation code and resources in source controls like SVN over the time for improvements and new features.
- Dynamic participation in Go/ No Go meetings.
- Demonstrations of new Functionalities/Tools to Business

Hardware	Pentium 4, 2.8GHz
Operating System	Windows XP
Languages	Java, VB script, PL-SQL
Special Software	HP QTP 11, HP UFT 12, HP LoadRunner 9.0, Jenkins, JIRA
Project	Kolkata, India

Project Description

FCC is Canada's largest provider of banking and financial services to farms and agribusiness with a healthy portfolio of more than \$15 Billion with 19 consecutive years of growth.

BAU Automation aims at providing support to FCC's existing Jet application and Ebiz site. Often there are enhancements to the application in the form of releases for which testing is required along with smoke test &

performance testing. Automation scripts are built to test the application and production validation as and when required. The entire process of running scripts and sending results via email has been scheduled and controlled using Jenkins. Also, web services are used in the scripts which fetches the test data automatically from databases in order to make scripts data independent.

Tata Consultancy Services

Project	Mortgage Technology Services
Period	1st Oct 2016 – 31 st May 2018
Client Name	CoreLogic Solutions, LLC (“CoreLogic”)
Position	Computer Programmer

Responsibilities

Supporting CoreLogic’s Build and Release Management including execution of both Manual and automated Build and Deployment activities, CI-CD implementation for all MTS applications and supporting CoreLogic’s team with the following responsibilities:

- Gather business requirements from business users and Subject Matter Experts (SME).
- Active participation in scenario review meetings with Business users to understand the business.
- Development & maintenance of automated scripts using HP UFT, Selenium Web driver with TestNG and Maven for Business-Critical applications & its core functionalities.
- Created the build, package, Database update, deploy & bouncer jobs in Jenkins for loan center retail, loan center correspondence & NSP application across multiple environments like Development, QA, UAT, Prod mirror, Prod stage & production.
- Maintaining fully automated CI/CD pipelines including automatic generation, reporting and alerting of test, build failures and build status indicators.
- Automated application deployment in Web logic & JBOSS including deploying WAR and EAR files, stopping and starting Application Servers and processes and dynamically creating server profiles/instances.
- Automated the release pipeline to achieve one click deployment using Jenkins, SVN, Nexus, and Puppet. Integrate the build jobs with Vera code scan & SonarQube scan for static code analysis
- Automated database script execution with Jenkins and SQL client
- Wrote custom puppet modules for managing the full application stack (Ant/Maven/Java/WebLogic/JBoss/Jython)
- Wrote Puppet manifests and modules to deploy, configure, and manage servers
- Automated build and deployment using Jenkins to reduce human error and speed up production processes
- Implemented GitHub for version control of puppet modules and process documentation
- Plan and manage all release activities.
- Produce Deployment, Run Books and Implementation Plans.
- Work with release engineers to understand impacts of branches and code merges.

Hardware	Pentium 4, 2.8GHz
Operating System	Windows 7, Linux
Languages	Java
Special Software	Flex 2.0.1, JIRA, Jenkins, Maven, Nexus, Putty, MAESTRO (CL Tool), SQL Developer, Subversion, WIN SCP, Puppet.
Project	Kolkata, India

Project Description

CoreLogic provides simplicity to mortgage origination with a cloud-based loan origination system (LOS) called Loan Center for Retail (LCR). Loan Center meets the needs of frontline, back-office and executive staff by integrating practical tools that improve efficiency at every level.

Loan Center comprises of sections Origination, Processing, Underwriting, Closing and Post-closing which encompasses all the activities for loan origination. The application has two main components – Loan Center and the Network Service Platform (NSP). NSP is used for integrating Loan Center with other applications through which the information required for origination of a loan is obtained.

Loan Center Supports Retail and Correspondent mortgage bankers. Two major retail lenders using the product are Prime Lending (PL) and Bank of America (BAC). CoreLogic provides the option for the Lending institutions to customize the Loan Center application to cater to their own requirements. Also, to be in par with the growing market and technological standards, Loan center is being upgraded and enhanced through monthly releases. To meet the regulatory standards, Loan Center needs to be compliant with the mortgage rules and ACTs, the changes thereby comply with these standards.

The project is designed to work in agile methodology, hence comprises the following Scrum teams – Keep the System Current (KTSC), Keep the Lights On (KTLO), Prime Lending (PL1 & PL2), Bank of America (BAC), NSP. These teams work on respective areas of improvements and enhancements for each release.

Project **Global Production Assurance (GPA) Production Support – ‘Finance & Taxation’ for Chief Technology Office (CTO)**

Period June 2018 to Current date

Client Name Citigroup Technology Inc.

Position Computer Programmer

Responsibilities

- Analyze the production issue logs from Kibana to determine the root cause.
- Daily health checkup of micro services as PODS in OpenShift
- Health monitor of application with tools like AppDynamics and Splunk. Setup monitoring mechanism/automations for all application batches to catch any unexpected behaviours/ infrastructure issues upfront like Application server related issues CPU usage, disk space, memory usage monitoring. long running queries, resources utilization, temp spaces etc.
- Create/run Autosys jobs & debug Autosys job failures for production batch for month end activity
- Created shell scripts (Bash), Python for automating tasks.
- Requirement gathering from the Stakeholders & preparation of Project Design Documents
- Working on daily/monthly/quarterly regulatory report submission in financial space.
- Support application batch jobs during run time, resolution of batch abends and continuity of business (COB) activities.
- Support Application user testing, approvals & resolution of application related queries.
- Providing Steady State Support and Progress report to the Manager & Citi. Creating monthly report and metrics in ServiceNow for management about the application ticket volume
- Analyze new requirements and analyse the existing system and extract the business logic.
- Demonstrations of new Functionalities/Tools to Business
- Support the production batch and working on related month end activities
- Help configure, develop, and address user queries using PL/SQL in Oracle PL SQL Developer.

Project Description

Global Production Assurance for ‘Finance & Taxation’ module deals with various Finance applications like General Ledger, Salomon Tax Reporting, Tax-Lot Gain/Loss, FATCA, W8 & W9 etc.

The module handles financial needs and taxation details for the Citi customers. This application processes customer data from the previous year and provides data for printing tax forms. These forms are filed to the IRS upon customer’s approval / consent. The data processing and core functionality of data mapping are hosted in the mainframe system using batch jobs and VSAM files. This application also provides real time business support using interactive mainframe online screens.

Hardware	Pentium 4, 2.8GHz
Operating System	Linux, Windows 10/11
Languages	Java, Shell scripting, SQL, Python
Special Software	Java, Jenkins, PL/SQL Developer, Squirrel, WIN SCP, Putty, Studio 3T, Kibana, OpenShift
Project Location	Tampa, USA

Awards

Award Name	Award Date	Award Category
Best Team Award	13-Aug-2021	Awards for Excellence
Special Initiative Award	28-Feb-2021	Beyond Performance Awards
Contextual Master Award	07-Dec-2020	Awards for Excellence
Service & Commitment Award	15-Mar-2020	Service Awards
Best Team Award	29-Aug-2019	Awards for Excellence
On the Spot Award	27-Mar-2018	Awards for Excellence
On the Spot Award	21-Feb-2018	Awards for Excellence

Passport Details

Passport Number	Date of Issue	Expiry Date	Place of Issue
R2226322	24-Aug-2017	23-Aug-2027	Kolkata

Personal Details

Date of Birth	Gender	Nationality	Marital Status	Date of joining	Designation	Visa
18 May 1987	Male	Indian	Married	15 Mar 2010	Associate Consultant	H1B.With approved I-140.