KOUSTAV SENGUPTA

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Software Engineer with more than 2 years of experience in Avaloq Banking system along with 8+ years in Oracle PL/SQL programming and Business Intelligence

over 12 years of experience across requirement analysis, development, testing, maintenance, troubleshooting.

- Currently working as a Senior Software Engineer in Synpulse India.
- 2.5 years of experience in Avaloq Banking system along with 8+ years of experience across broad range of insurance and banking projects .
- Expertise in the usage of Avaloq script, SQL, PL-SQL, Oracle Discoverer, Eclipse BIRT , Crystal Report , Confluence, JIRA
- Gained experience in analyzing information system needs, evaluating end-user requirements, providing solutions to different problems and ad-hoc report requirements.
- Quick learner and self-motivated Professional. Can work independently under pressure . Is able to train and mentor subordinates .

TECHNICAL SKILLS

Programming Languages: SQL, PL-SQL,Avaloq Script
Database   : Oracle 9i, 10g, 11g, 12c
Operating System   : MS-Windows 9X, 2000, XP, Linux
Applications   : MS office, Microsoft Visual SourceSafe
Tools   : Oracle Discoverer, Crystal Reports, Eclipse BIRT, PL/SQL Developer, Avaloq ICE, Axiom, BitBucket , JIRA, Confluence

Project 1:

Avaloq Consultant (Senior Software engineer)

Synpulse India

Client : DBS

03/2021---present

Technology Used: Avaloq ICE, Smart Client, Akryos Zeta

Project Description : Implementation of Crypto Currencies in Avaloq

Responsibilities :

- Take part in the Daily scrum call. Analyze and implement solution for the assigned tasks.
- The tasks include working on STEX-Order Valid,reports, client advice, product and security concentration checks.

09/2020—02/2021

Technology Used: Avaloq ICE, Smart Client, Akryos Zeta

Project Description : Worked on Greater Bay Area project which is created to allow the inflow of foreign currency in Chinese Market and outflow of Chinese National currency in the overseas market.

Responsibilities :

- Take part in the Daily scrum call and Analyze and implement the requirements.
- Making changes in the static data including classification, class, addition etc. Used code table, deriv_classif_rule, out-text, forms, script packages, screen reports.
- Unit testing and resolving issues mentioned in the Audit,Review.

Project 2:
Oracle PL/SQL developer and technical report writer
HCL Technologies
Client : Deutsche Bank
03/2020—Present
Technology Used : Axiom, Oracle -PL-SQL, Bitbucket, Control-M

Project Description: ERP project with Deutsche Bank

Responsibilities
- Working in an ERP project
- Acted as a developer for ADC team and provided solution to few production issues.
- Started working as a developer for Data Enrich team and working towards the implementation of Incremental Snapshot.
- Working BAU requirements for Data Enrich team

Project 2:
Avaloq developer
HCL Technologies
Client : HSBC Bank
03/2018—04/2019
Technology Used : Avaloq Banking System, Avaloq Scripting, Oracle

Project Description : The Customer Management and advisory team supports the business users in areas like client on- Boarding, Investor protection, analyzing the suitability of client for specific trades. The MIFID pipeline of Customer Management and Advisory pod worked towards The implementation of MIFID-2 regulation in UK region.

Responsibilities
- Worked as a team member of MIFID pipeline and business as usual issues of CMA pod.
- Did Requirement gathering from different business units
- Did requirement analysis, field mapping, parameterizing, scripting and unit testing of MIFID and BAU issues.
- Created and modified Avaloq Scripts e.g. SCRIPT PACKAGE, TASK TEMPLATE, REP SCREEN, INTF DEF, REP SCRIPT, CODE TAB etc.
- Doing Unit and System Integrated Testing for DEV-JIRA and afterwards, analyzing and fixing the defects.
- Doing the Code Merge as per requirement.

Achievements :

- Reached out to various stakeholders for Requirement gathering and Final Sign-off of deliverable upon User Acceptance Testing thus ensuring successful delivery of critical issues.
- Successfully resolved critical open issues related to newly created Contact Management Report which is very important for trade initiators.
- Successfully delivered the checks of Portfolio Concentration, Questionnaire related changes which are important part of MIFIDII regulatory compliance.

Project 3:
Avaloq developer
HCL Technologies
Client : Barclay's Bank
10/2016—11/2017
Technology Used : Avaloq Banking System, Avaloq Scripting, Oracle

Project Description : The SRP project is focused on the development for the Ring-Fenced Banking Regulations of UK as a result of proposed Brexit. For this two Legal Entities has been created , viz., UKBW (UK Barclays Wealth) and BISL (Barclays International Services Limited).While Barclays International is involved into riskier businesses, different Regulations have been implemented in Barclays UK sub business Unit to restrict them from involving into the less secure business.

Responsibilities:
- Requirement analysis for all the QCs and DEV-JIRAs assigned.
- Creation of TASKs and Changes, AUDIT JIRA, DEV JIRA.
- Enhancing the static as well as the transactional business objects to support the two Legal Entities. Development work like Creation and modification of Avaloq Scripts e.g. SCRIPT PACKAGE, DOC VALID, REP SCRIPT, TASK TEMPLATE, REP FILE etc.
- Executed Unit Testing for DEV-JIRA and afterwards, analyzing and fixing the defects.
- Doing the Code Merge as per requirement.
- Enhancements of the existing reports to support the two Legal Entities; also created new reports

Project 4:

Oracle PL/SQL developer and technical report writer
Path InfoTech
Client : Credit Guarantee Fund Trust for Micro and Small Enterprises(CGTMSE) 03/2015—08/2016
Technology Used : Oracle 11g

Project Description : Government of India launched Credit Guarantee Scheme (CGS) to strengthen credit delivery system and facilitate flow of credit to the Micro and Small Enterprise (MSE) sector. To operationalise the scheme, Government of India and SIDBI set up the Credit Guarantee Fund Trust for Micro and Small Enterprises (CGTMSE). Our team is involved in support, maintenance and enhancements of the website and also providing ad-hoc reports.

Responsibilities:
- Our team is involved in support, maintenance and enhancements of the website and also providing ad-hoc reports.
- Analyzing performance of different module and find a way to improve it.
- Writing queries for ad-hoc report requirement of the client.
- Doing back-end data corrections.
- Modifying PL/SQL programs already available for the implementation of change requests.

Accomplishments:
- We developed and delivered many ad-hoc query based reports in very short notice, not readily available in the system and very important in terms of decision making for the client.
- We have successfully resolved the critical issues of Maximum open cursors and Deadlock which became show stopper for the end user

Project 5:

Oracle PL/SQL developer
Collabera Technologies
Client : M-Core Application (Magma Fincorp)
06/2014—11/2014
Technology Used : Oracle 12c

Project Description : M-Core project for Magma Fincorp is developing a new Application (M- Core) with Added features compared to present CCA Application.

Responsibilities:
- Mapping data with help of Excel.
- Developing data Migration scripts with the help of data mapping sheets and implementing the codes in PL/SQL Procedures and Packages.

- Testing and executing the scripts against the live data provided by the client and modifying the PL/SQL scripts by analyzing the errors.

Project 6:

Oracle PL/SQL developer and technical report writer
CMC Ltd
Client : United India Insurance Company
02/2010—12/2013

Technology Used : Oracle 10g, Oracle Discoverer 4/5, Eclipse BIRT, Crystal Report – XI

Description: Genisys Configurator is a Front Office product for General Insurance companies. Our team was involved in Data Warehousing and report generation from historic data. The data captured through Application was Transformed and Aggregated and used to generate reports to determine trends and discrepancies of business growth.

Responsibilities:

- Developed PL/SQL scripts - Functions, Procedures, Packages.

- Worked with Oracle Objects - Tables, Materialized views, Synonyms, User Defined Data Types and Collections.

- Analyzed Sql queries with help of EXPLAIN PLAN. Tuned performance of queries used in reports required on a daily basis by the end user.

- Explored indexes for tuning queries. Used Bulk Collect feature to improve performance of PL/SQL programs.

- Developed various types of ad-hoc reports utilizing SQL query and Excel based on client requirement.

- Prepared test cases for unit testing. Prepared code-review document and developer s test result.

- Provided technical training to the team members in reporting tools like ECLIPSE BIRT and CRYSTAL REPORT.

Accomplishments:

- Took initiative to improve reporting efficiency by streamlining several data flow processes scheduled in the server and also by optimizing the queries used in reports.

- Worked as Team lead, and led a team of four developers, responsible for requirement analysis, development, project deliverables, Co-ordination with testers and Version Management Team and successfully delivered more than one hundred different reports later available in the portal for hundreds of end users.

Project 7:

Oracle PL/SQL developer and technical report writer

CMC Ltd

Client : New India Assurance Company 02/2010—

12/2013
Technology Used : Oracle 9i, Oracle Discoverer 4.1, Putty

  Project Description: Genisys (General Insurance System) is a Front Office product for General Insurance Companies. Our team Genesys Enterprise Module is involved in Data Warehousing and report generation from historic data. Oracle Discoverer 4.1 is used as the OLAP Tool for the presentation layer at the regional and head offices.

Responsibilities:

- Developed reports utilizing SQL to create views, PL/SQL to create stored procedures, functions and Packages. Oracle Discoverer 4.1 to develop and schedule the reports.

- Administrated Business intelligence processes like Transformation, Aggregation etc.

PROFESSIONAL CERTIFICATES

- Oracle Certified Professional-9i.
- Oracle Certified Associate-9i.

SCHOLASTICS

- B.Tech. in Computer Science from West Bengal University of Technology in 2007.
- 12th from West Bengal Council of Higher Secondary Education in year 2003.
- 10th from West Bengal Board of Secondary Education in year 2001.

PERSONAL DOSSIER

Date of Birth   : 19th October 1984
Address   **:** C/O Indranil Sengupta, Adarpara; P.O. & District Jalpaiguri, PIN-735101
Languages Known   **:** English, Hindi and Bengali
Interests   **:** Photography, Cooking
Passport   : P8754291 (Validity up to 31/03/2027)