

# Rohan Sunil Aggarwal

## Mainframe Professional

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Seeking a challenging job that provides me an opportunity to enhance my knowledge and skills at various engineering advancement as well as utilize and channelize my skills and experience towards growth of the company.

### Experience Summary:

- **Mainframe Developer**, with 10 years and 8 months of hands-on experience in Application Development, Production support and Maintenance.
- Extensive knowledge in requirement gathering, analysis, design, development, implementation, testing, integration deployment, documentation and configuration management of IBM Mainframe Applications.
- **Onsite experience** (short term) in Mainframe Development and Production support.
- Experience working in the domain of **Core Banking – Payments & SWIFT messages processing, Insurance and Retail**.
- Experience working on developing **batch programs**.
- Working knowledge on **Online programs**.
- Diverse work experience with different functionalities of the application with **development and enhancement projects**.
- Well versed in waterfall and Agile ways of working.
- Worked in **SAFe agile** framework and involved in Program Increment planning, Sprint planning, Daily scrum, Demo, Retro, etc.

### Technical Skills:

- Programming Language : JCL, COBOL, CICS, PL1, EGL, Easytrieve and Message Queue.
- Operating System : Z/OS
- Database : DB2, IMS-DB
- Mainframe Tools : SPUFI, Batch Xpeditor, CA – 7, TWS, Endeavor, Changeman, SAR, File Aid, Fault analyzer, ELIPS, FTP and NDM
- Devops Tools : Topaz, UCD, CICD, Sonar
- Other tools : Service Now, Jira, Confluence, Maximo
- Other skills : Hogan Umbrella System used for Online screens and Data entry through Batch.

### Work Experience:

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|---|---|
| • <b>Cognizant Technology Solutions</b>                 | <b>Senior Associate (May'16 to till date)</b><br><b>Chennai, Tamil Nadu</b>           |
| • <b>Computer Science Corporation</b><br><b>Apr'16)</b> | <b>Professional 1 – Application Delivery (Oct'15 to</b><br><b>Chennai, Tamil Nadu</b> |
| • <b>Tata Consultancy Services</b>                      | <b>Systems Engineer (Nov'11 to Oct'15)</b><br><b>Chennai, Tamil Nadu</b>              |

## Projects:

- **Message Handler & Payment Engines – KBC Bank, Belgium:** **Cognizant**  
Kredietbank ABB Insurance CERA Bank is a Belgian bank focusing on private clients, small and medium sized enterprises majorly in Europe and South East Asia. KBC Bank majorly handles retail banking like corporate banking, private banking, leasing, factoring, private equity and trade finance in Belgium. Apart from Banking, KBC group also exists in Insurance.

**Message Handler** interacts with SWIFT network and handles the incoming and outgoing SWIFT messages via AMH. These SWIFT messages include Customer payments & Cheques, Financial Institution transfers, Treasury & Security markets, Cash management and Customer status. SWIFT messages are processed online through Message Queue and Executors are utilized. Batch process includes interface with CAS, Payment Engines, Intellimatch, Dimension, FXMM, etc.

**Payment Engines** handles the payment related transactions for KBC across the globe, it includes the Incoming, Outgoing, Internal and Pass-through payments which includes local and cross border payments. Payment Engines has batch process interface with Message handler, SIM, Transition support services, Pay and receive, Clearing channel payment, etc.

## Responsibilities:

1. Analysis and understanding the requirements and functional specifications.
2. Preparation of Technical Specifications based on Existing functionality and requirements.
3. Involved in Application Design and Functional Specification Design.
4. Impact analysis for requirement changes and finding affected list of programs.
5. Involved in all phases of SDLC – Analysis, Design, Testing and Deployment
6. Worked on creating the HLD, LLD, Test Plans, BCD, UTR, Design change, I plan, Application reference Manuals.
7. Created JCLs, PARMs, and PROCs for existing and new batch flows.
8. Involved in enhancement of existing COBOL, PL1 and DB2 components.
9. Worked on Development & Enhancement of SWIFT changes across all MT messages.
10. Worked on Data model extension – including new columns in DB2 table.
11. Worked on creating/modification of online screens using EGL.
12. Involved in Program Increment planning, Sprint planning, Daily scrum, Demo, Retro, etc.
13. Worked on Critical Production support issues for Batch & Online
14. Worked in Production Implementation and support plan.
15. Worked on JIRA board extensively to create, update & close tasks.
16. Involved in providing KT for new comers and guiding them in their tasks.
17. Creating application reference documents for new comers.
18. Involved in performing Unit testing and Integration testing.
19. Perform self-review and Peer review and log any defect and track till it is closed.
20. Involved in Planning and Execution of Disaster Recovery (DR).

**Additional Responsibilities:**

1. Involved in Cognizant Internal Audit by representing the Team.
2. Involved in External recruitment process for freshers and Laterals - first level interview.
3. Involved in coordinating Hackathon in KBC account level.
4. Working as Defect Prevention coordinator for the Team.
5. Involved in Governance & Audit Security Team.

- Role : Team Lead
- Languages used : JCL, COBOL, PL1, CICS, EGL, DB2 and MQ
- Environment : Z/OS, TSO
- Tools : Jira, Confluence, Service Now, SONAR, Xpeditor, Changeman, Spufi
- Team size : 10
- SDLC model : SAFe Agile

- **HEB Retail:**

**Cognizant Technology Solutions**

HEB Grocery Company is a privately held San Antonio, Texas, USA-based supermarket chain with more than 315 stores throughout the U.S. state of Texas and northern Mexico. The company also operates Central Market, an upscale organic and fine foods retailer.

**DB2 to Oracle Project** DB2 tables were migrated to Oracle as part of Mainframe to Java migration. Impact analysis in all levels for all applications was executed and provided to Client. After approval, the programs which use DB2 tables were modified / adapted accordingly based on the schedule and deployed. Programs across all applications which use DB2 tables were migrated to Oracle successfully.

**Cost field expansion Project** is to expand the length of cost fields from four digits to five digits. The changes were made in Copybooks, Cobol Programs, Online Screens and Jobs. With this project, the applications started to show up with five-digit numeric cost values.

**Responsibilities:**

1. Worked on Flow analysis of the impacted jobs in all mainframe applications.
2. Worked on HLD, LLD, test cases, test results, Design Change, I plan and UTR.
3. Created JCLs, PARMs, and PROCs for existing and new batch flows.
4. Involved in preparing work load and weekly status update details for Client meetings.
5. Involved in providing KT for freshers and guiding in resolving technical issues.
6. Involved in preparing performance scorecard for project.
7. Worked in Production Implementation and support plan.
8. Updated Inventory details in share point for application supported.
9. Involved in performing Unit testing and Integration testing.
10. Performed Job analysis using JHS.
11. Involved in preparing test cases for independent Unit testing and functional testing.

12. Executed the Unit and System Test cases and created unit test results document.
13. Preparing Unit Test Result and self and peer review of Unit Test Results.
14. Prepared delivery element checklists to make the delivery process is seamless.

#### **Additional Responsibilities:**

1. Involved in coordinating for HEB Client visit - February 2017.
2. Working as Business Continuity Plan coordinator to monitor and follow CTS policies.
3. Working as Timesheet coordinator for entire project.
4. Involved in conducting Spoken English sessions for CTS Security associates.

- Role : Team Lead
- Languages Used: JCL, COBOL, VSAM, CICS and DB2
- Environment : Z/OS, TSO
- Tools : Changeman, CA7
- Team Size : 6
- SDLC model : Waterfall

- **Claimfacts - Guardian Life Insurance Company of America      Computer Science Corporation**  
Claimfacts handles claims portfolio for Guardian Life Insurance Company of America with over 8 million customers across US. Subsystems of Claimfacts are PAMS, DCMS, Customer service, Claims 01 and Trident.

Claimfacts functionality includes receiving claims, adjudicating and successfully processing in system. Claims include Dental, Medical, Vision, Life insurance, short term disability, long term disability and Critical illness coverage.

Claimfacts include both Daily and Monthly batch cycle, Daily batch runs from Monday to Friday and Monthly batch runs on first business day of the month. Apart from Daily and Monthly jobs, there are Quarterly, Half yearly and Yearly batch jobs runs on non-business working hours. Claimfacts batch interfaces include Phoenix, Zues, Guardian Anytime, RGO, Rate calc, Vitria, and MIB. Claimfacts Online interfaces include Phoenix, Zues, Guardian Anytime, RGO, Front end applications (Siebel). Claimfacts Online CICS screens include DC (Dental Claim), CQ (Claim Inquiry), CL (Claim Systems dump), XC (Customer Services Menu) and PI (Plan Indicative).

#### **Responsibilities:**

1. Worked on priority online screen defects, high critical production batch issues with strict SLA for Online region.
2. Worked on ASRA and AEIP abends in CICS screens
3. Involved in using Expeditor to recreate, back trace and resolve critical issues.
4. Involved in monitoring Daily, Weekly, Monthly, Quarterly, Half Yearly and Annual batch jobs during non-business hours.
5. Created JCLs, PARMs, PROCs and Runbooks for existing batch flows.
6. Involved in enhancement of existing COBOL and DB2 components.
7. Provided daily reports to onsite on successful/incidental job run stats.

8. Involved in monitoring and supporting Mirror region jobs.
9. Involved in critical production defects like online Dental screen, maxroll, Wipeout and Fee schedule maintenances from DNA.
10. Involved in preparing various Fee schedule DNA reports as per Business Analyst's requirements.
11. Involved in preparing work load, weekly status update and flash report details for Clients.
12. Involved in updating job abends, production issues and task details in service now for application supported.
13. Performed Job analysis using IOF.
14. Co-ordinated with testing teams during SIT and UAT phase and helped the team with the clarifications

**Additional Responsibilities:**

1. Backup for Level 2 role includes interacting with interfacing applications, triaging and resolving batch/online issue.
2. Involved in Minutes of Meeting on daily and weekly Offshore-Onshore meetings.
3. Involved in handling secondary activities involving MOM call and sending job cycle to daily basis.

- Role : Module Lead
- Languages Used: JCL, COBOL, VSAM, CICS and DB2
- Environment : Z/OS, TSO
- Tools : Changeman, CA7
- Team Size : 4
- SDLC model : Waterfall

• **Debit Card System – Bank of America**

**Tata Consultancy Services**

Debit Card System (DCS) handles debit card portfolio for Bank of America with over 16 million cards. DCS functionality includes issuing, reissuing and different type of authorized maintenances performed on a debit card. DCS also acknowledges block placed on debit cards or removed from debit cards by the NationsBank Financial Authorization Support Transactions (FAST) system.

DCS includes both Daily and Monthly batch cycle, Daily batch runs from Sunday to Friday and Monthly batch runs on second Saturday of the month. Both Daily and Monthly batch runs on Bank non business working hours. DCS batch interfaces include FAST, BASE 24, FFD, BOSS, AS400, SFM, MLDS, VISA DPS and Pin mailer. DCS Online interfaces include WCC, FFD, BOSS, FAST, BASE 24, MLDS, Front end applications (Interact, Lean).

DCS Online Hogan screens include DCSU (Debit Card Set Up), DCPR (Debit Card Profile), DCII (Debit Card Instant Issue), DCMN (Debit Card Maintenance), DCRM (Debit Card Remarks) and DCLM (Debit Card Limit Maintenance).

**Responsibilities:**

1. Developer through the SDLC, HLD, LLD, test cases, test results, BCD, Design Change, I plan and UTR
2. Involved in Planning and Execution of Disaster Recovery testing (DR).
3. Involved in monitoring Daily and Monthly batch cycle running during non-business hours.
4. Involved in executing various process improvement changes for Production backup jobs, suppressing job output written to SAR, Daily and Monthly AIF extract process change, AMS and FDVS decommission resulting in Total Cost Savings of 1.6 US Million Dollars.
5. Created JCLs, PARMS and PROCs for new and existing batch flows.
6. Involved in enhancement of existing COBOL and Hogan components.
7. Provided daily reports to onsite on successful/incidental job run stats.
8. Involved in scheduling of new batch jobs using CA7.
9. Involved in monitoring and supporting IPT test region jobs.
10. Involved in critical production maintenance including pin activation, NA remark and cost center maintenance.
11. Involved in preparing Performance metrics, Score card, Governance metrics and CEI metrics for Client discussions.
12. Created Daily metrics report and updated Heat map sheet for POS count on daily basis.
13. Involved in providing KT for freshers about Application functionalities.
14. Involved in conducting Biweekly CRM (Change Review Meeting) with Clients.
15. Handled the pre-implementation and implementation activities and created all the required documents and checklists and supported during implementation over the weekends and nights.
16. Prepared Application Score card, Performance metrics, Agile and Governance metrics for Client discussions.

**Additional Responsibilities:**

1. Involved in conducting Stress test for Chennai location.
2. TCS DEG (Delivery Excellence Group) activities for whole project.
3. Involved in Risk Management activities to monitor and follow TCS/BOA policies.
4. Involved in migrating Windows XP to Windows 7 for TCS-BOA (Siruseri location)
5. Involved in organizing and leading in BOA Techfeast event conducted in 2013 & 2014.
6. Involved in conducting Spoken English sessions for Security associates as a part of TCS – Learning and Development initiative.

- Role : Module Lead
- Languages Used: JCL, COBOL, Hogan, MQ and IMS
- Environment : Z/OS, TSO
- Tools : Endeavor, CA7
- Team Size : 2
- SDLC model : Waterfall

**Certifications:**

- Process Improvement Certification – Level 2
- TCS Domain Academy-Banking and finance fundamentals.

**Academic:**

- **Bachelor of Engineering in Electronics and Communication** from Anna University, Tamil Nadu.

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