

# Amarja Sanjekar



## Lead Software Engineer

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## Professional Summary

Experienced Lead Software Engineer with over 12.8 years of expertise in software development, data analysis, BI solutions, and application support. Proven success in Microsoft Power BI, SAS tools, data warehousing, and analytics across industries such as banking, finance, and telecom. Skilled trainer and developer, passionate about data-driven decision making and business intelligence.

## Key Skills

- **Business Intelligence & Analytics:** Power BI, DAX, M Language, Power Query Editor, Tableau, SAS Visual Analytics, SAS DI Studio, SAS EG, SAS OLAP, SAS Web Report Studio, SQL, Oracle EDM
- **Programming & Scripting:** Python, R, C, C++, Java, VB, SQL, Groovy Scripting
- **Data Science & ML Tools:** Pandas, NumPy, SciPy, Matplotlib, Machine Learning, AI
- **Databases:** Oracle, SQL Server, MS Access, Teradata
- **Operating Systems:** Windows, UNIX, Linux, MS-DOS
- **Tools:** Jira, Visual Studio, MS Office Suite

## Certifications & Training

- Advanced Master Certification – Skill Nation (Power BI, SQL, Tableau, Excel, PowerPoint, Python, Data Science, AI Tools – ChatGPT, Google Gemini, Perplexity, Claude, Copilot etc...)
- Python Using AI Tools – Be10X
- SAS Analytics Certification – SAS India
- ITIL® Foundation Certificate in IT Service Management
- Training: Business Intelligence, Data Warehousing, Oracle EDM, Python Advanced, SAS/STAT, Dimensional Modelling

## Core Competencies:

- Data Engineering & Integration
- Dashboard Development & Visualization
- Predictive & Prescriptive Analytics
- ETL Pipelines & Automation
- Stakeholder Engagement & Business Communication
- Operations Support & Agile Practices

## Education

- MCA – Bharati Vidyapeeth, Karad, 2002 – 66.35%
- B.Sc. (Electronics) – Shivaji University, 1999 – 71.12%
- HSC – Pune Board, 1996 – 67.85%
- SSC – Pune Board, 1994 – 75.14%

## Professional Experience

### Tietoevry Connect India Pvt. Ltd., Pune (7.5years)

#### Senior Software Engineer - Operational Excellence Dashboard

**Duration:** Jun 2021 – Aug 2023 **Role:** Developer + Data Analyst + Operation Support & Maintenance

**Tools Used:** Microsoft Power BI Desktop, Microsoft Excel, Microsoft SQL Server Management Studio, Azure SQL Database, DAX Query, M Language

**Project Description:** Managed the end-to-end monthly data for the global Operational Excellence Dashboard, ensuring timely and accurate data delivery to senior executives and delivery managers

**End Users:** Customer Executives, Delivery Executives, Senior Delivery Managers

**Data Activities:**

1. Monthly Data Load (Hours, Attrition, Productivity (INC/SR), Age Group data etc.)
2. Missing Master Data Management (Employee, Cost Center, Delivery Type etc.)
3. Data refresh & publishing on workspace

#### Senior Software Engineer - People Dashboard

**Duration:** Feb 2022 – Aug 2023 **Role:** Developer + Data Analyst + Operation Support & Maintenance

**Tools Used:** Microsoft Power BI Desktop, Microsoft Excel, DAX Query, M Language, Power Query Editor

**Project Description:** Developed and maintained a comprehensive 'People Dashboard' used by HR and top management to track key metrics like headcount, recruitment, and attrition, leading to more informed talent strategy decisions.

**End Users:** HR & Top Management team

**Data Activities:**

1. Monthly Data Load (Headcount, Recruitment, Staffing, Attrition, Retention etc.)
2. Data refresh & month on month updates related to development support

#### Senior Software Engineer - Staffing & Talent Management Tool

**Duration:** Dec 2021 – Jun 2022 **Role:** Developer + Data Analyst

**Tools Used:** Microsoft Power BI Desktop, Microsoft Excel, DAX Query, M Language, Power Query Editor

**Project Description:** Staffing and Talent Management Tool (used globally) helps to analyze:

- **Fulfillment Dashboard** – Customer wise & Solution area wise demands (open/close/cancelled demands), status in progress demands, aging, revenue loss positions, buffer positions etc.
- **People Dashboard** – Competence wise & Solution Area wise availability, CV update status, experience pyramid per competence etc.

**End Users:** EM Leaders L2s & L3s, Staffing/Talent Partners, Top Management Team

**Data Activities:** Daily Data Load (Open & Close PRM report, Idle People, CV status, Resource Reservation Report etc.)

#### Senior Software Engineer - Forest Data Market (Sydved)

**Duration:** Oct 2023 – Jan 2023 **Role:** BI Consultant

**Tools Used:** Microsoft Power BI Desktop, Microsoft Excel, DAX Query, Azure Synapse Analytics, Microsoft SQL Server (Views & Stored Processes), Visual Studio

**Work Description:** Worked on Forest Market Data Purchase Report data analysis (Analysis based on report group levels region, district wise aggregation report).

#### Senior Software Engineer - Telenor Oracle EPM Cloud

**Duration:** Apr 2023 – May 2023 **Role:** Data Analyst

**Tools Used:** EDM (Oracle Enterprise Data Management Cloud Application), IDCS (Oracle Identity Cloud Service - User Management), Groovy Scripting

**Work Description:** Worked with Telenor Team on Application data load, Missing Master Data Management & Analysis, User Management.

#### Senior Software Engineer - Contact Center & IVR (Nordea Bank)

**Duration:** Mar 2016 – Jun 2021 (Onsite: 3 Months - Stockholm, Sweden; Offsite: Approx. 5.0 years)

**Role:** SAS Developer + Product Owner + Application Technician

**Tools Used:** SAS Data Integration Studio 4.8, SAS Enterprise Guide 6.1, SAS Information Map Studio 4.4, SAS Management Console 9.4, SAS Add-in for Microsoft Office (Word, Excel), Base & Advanced SAS, Windows Task Scheduler

**Work Description:**

- Daily & Monthly Batch Execution & data related error handling on Production
- Development of Daily & Monthly batch execution & Data related activities on Production

- Analysis based on contact center & IVR data, relationship between different types of data (CSEM, CMS, Genesys & HR data) & required new change in existing system as per Business User tickets, meetings, discussion etc.
- Production maintenance (Daily/Monthly batch execution, Daily batch Missing data, error handling, new change or modification in existing system, Scheduling, New change upload on production etc.)
- Worked on Agile practices (Jira Software, Kanban Board) / attended daily scrum happenings / meeting with Business Users (Priority of Assignments & resolving issues)
- Communication with business related to data gaps, code scripting, scheduling etc.

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#### **EPOCH Research Institute India Pvt. Ltd., Ahmedabad (1.4 years)**

##### **SAS Consultant - SAS Risk Management for Banking (IDFC Bank)**

**Duration:** Jul 2015 – Dec 2015 **Role:** SAS DI / BI Developer **Client:** SAS India – IDFC Bank, Mumbai

**Tools Used:** SAS Data Integration Studio 4.9, SAS Management Console 9.3, Enterprise Guide 7.1, SAS Information Map Studio, SAS Web Report Studio, SAS Information Delivery Portal, Stored Process, Base & Advanced SAS

**Work Description:** Worked on Portal Development (Report Design & Development / Migration)

1. Migration & Portal Development – Market Risk
2. Asset & Liability Management for Banking (ALM) (Report Design & Development)
3. Automated Data Flow (ADF Report – Report Design & Integration)

##### **SAS Consultant - SAS Risk Management for Banking (IndusInd Bank)**

**Duration:** Aug 2014 – Jun 2015 **Role:** SAS DI / BI Developer (Portal Development - Market Risk / ETL Development – Credit Risk) **Client:** SAS India – IndusInd Bank, Mumbai

**Description:** SAS Risk Management for Banking provides an integrated framework for financial analyses. SAS Risk Management for Banking consists of applications:

- SAS Market Risk for Banking
- SAS Credit Risk for Banking
- SAS Asset and Liability Management for Banking
- SAS Firmwide Risk for Banking

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#### **NettPositive Business Analytics Pvt. Ltd., Bangalore (2.8 years)**

##### **SAS Data Analyst - Retail Asset & Credit Card (Axis Bank)**

###### **1. Data Consolidation & Masking / Unmasking**

**Duration:** May 2013 – Aug 2013 (4 Months) **Client:** Axis Bank Corp. Office **Team Size:** 4

**Description:** Data masking strategies and techniques will mask specific data within a database table ensuring data security is maintained and sensitive customer information is not leaked outside of authorized environments.

###### **2. Bureau Data Comparison**

**Client:** Fullerton India Credit Company Ltd., Mumbai **Team Size:** 2 **Duration:** 2 weeks

**Description:**

- Monetary Financial Institution (MFI) Report Comparison
- Retail Report Comparison Data

Data Preparation, analysis & comparison of data for Fullerton, Cibil, Equifax, Highmark etc.

- Hit Analysis (MFI's Customer Analysis)
- Tradeline Level Statistics (Open & Closed Accounts & their contribution)
- Tradeline Level Account Status (Current Account, Loan Approved, Delinquent, Account closed & their Contribution)

###### **3. Credit Card Marketing Campaign - Data Mart Preparation**

**Duration:** Sep 2013 – Nov 2013 (3 Months) **Client:** Axis Bank Corp. Office, Mumbai **Team Size:** 2

**Description:** SAS Process is created to populate the Credit Card Data Mart for Balance Transfer / Credit Line Increase / EMI / Over Limit / Addon / Credit Limit Decrease / Spends etc. Integrated data marts are created with SMS, Email & Tele feedback with Customer Response.

###### **4. Customer Value Score (Phase I & II)**

**Duration:** Dec 2013 – May 2014 (6 Months) **Client:** Axis Bank Corp. Office **Team Size:** 4

**Description:** **CVS Phase I:** In Customer Level Profitability Process, customer level data created for each product (e.g. Savings Accounts / Retails Asset Products (HL / PL / LAP / GL / AL etc.), Credit Card, Debit Card, General Insurance, Mutual Fund, Life Insurance etc.) & based on average profit, customer value score is prepared.

**CVS Phase II:**

1. In Customer Value Score Process, stratified Sample Datasets are prepared for Savings Accounts & Credit Card customer. Module developed: Balance Forecast Model (SA and Credit Cards) Revenue Scorecard (Credit Cards) /CVS segmentation / Reason code Segmentation.
2. Created consolidated Customer Value view & generated Customer Value Scores & Action Codes for easy identification. Merged multiple products to create overall Customer value, crossholding. Generated Customer Value Scores & Action Codes for easy identification. Applied Customer Value Score and Action codes to carry out recommended actions on a customer at lower Value score to a higher Value score.

#### 5. Credit Card Acquisition Dashboard Duration: 2 months

Data preparation & automation of Credit Card Acquisition Dashboard & analysis of Ad hoc Queries Related to Credit Card Data.

#### 6. Data Preparation & Automation Duration: 1.4 Years

##### Activities:

- Daily & Monthly Comparison Report / Productivity Reports (HL/PL/LAP/AL/CVCE/Happy Ending etc.)
- Risk Board Portfolio Report (HL/AL/PL/LAP etc.)
- Automation of Modeled Scorecard Data (AL)

##### Description:

- Automated monthly comparison Daily MIS Data Preparation & reports for (Login / Sanction / Disbursement /Processing Fees /Penetration (HL) /AL etc.)
- Integrated (3+ yrs) monthly data (Fact Table) for Risk board Portfolio reporting for Risk board Portfolio for Agri Loan
- Development & automation of Risk board Portfolio (HL/PL/AL/LAP), Modeled Scorecard data, ADHOC reporting for different applications like Asset Master, Monitoring Template etc.
- Region, Location & Sales Manager wise Daily Report & MOM Sales Manager Productivity Report Region wise Channel Report (HL / PL / AL / LAP / CVCE etc.)

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#### Synova Innovative Technologies Pvt. Ltd., Bangalore (1.0 year)

#### Software Engineer - Rapid Analysis and Modeling Platform Client: IBM India Pvt. Ltd., Pune

##### Work Description:

The RAMP environment has various analytical software products to enable data creation, statistical model building, and in-depth analysis of Card Member and Merchant Data

- Worked on Applications with User Defined Transformations & prepared presentation & Test Cases of SAS BI Tools like SAS Information Map Studio, SAS Add-In for Microsoft Office, SAS Web Report Studio, SAS OLAP Cube Studio, SAS DI Studio etc.
  - Worked on Modules: CEPExtract Email Processing, Flat File Extract (FFE), Responder Submit etc.
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#### Training and Early Career Experience

**Ultramax Infonet Technologies Pvt. Ltd. Pune (0.5 months) Duration:** 01 Aug 2009 – 17 Jan 2010

**Role:** Technical Trainer / Developer **Note:** Authorized training partner of SAS

**SIBA Pvt. Ltd., Pune (1.8 years) Duration:** 22 Oct 2007 – 22 Oct 2007 **Role:** SAS Trainer

**Note:** Authorized training partner of SAS

**Axiom Infotech, Pune (0.5 months) Duration:** 01 Feb 2007 – 31 Jul 2007 **Role:** Software Trainer

**Note:** Authorized Training Centre for CDAC

**A S Infotech, Pune (0.8 months) Duration:** 01 May 2006 – 31 Jan 2007 **Role:** Technical Trainer **Note:** Authorized Training Centre for CMC Limited

**KO Soft Sales & Services, Pune (1 year) Duration:** 01 Apr 2005 – 01 Apr 2006 **Role:** Software Developer

**Neopro Software Pvt.Ltd. Pune (1.3 years) Duration:** 01 Nov 2003 – 01 Mar 2005 **Role:** Software Developer