

Vandana

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EXPERIENCE

Craft Silicon Pvt. Ltd

Bengaluru, India

Associate Software Developer — Banking & Microfinance

Nov 2023 – Present

- Developed and optimized **stored procedures, triggers, functions, and indexing**, improving SQL performance by **30%** across microfinance loan systems.
- Designed and implemented **database schema changes**, reducing fragmentation and improving scalability for high-volume financial operations.
- Built and enhanced **API-driven integrations** using SQL + XML for BR.NET, GLOW, SPBD, and enterprise micro-finance platforms used by **IndusInd Bank, YES Bank, and 25+ NBFC clients**.
- Automated **SQL Agent Jobs** for loan disbursement, collections, repayments, reconciliations, and scheduled tasks, reducing manual workload by **40%**.
- Executed large-scale **data migrations**, indexing enhancements, and data validation processes ensuring reliable multi-client deployments.
- Developed **SSRS reports**, backend SQL components, and optimized database structures supporting real-time loan synchronization.
- Improved BR.NET and microfinance modules involving **customer onboarding, disbursement, collections, pre-closure, and risk analysis**.
- Resolved production incidents, provided **UAT support**, and ensured smooth deployment cycles across multi-branch banking systems.
- Collaborated within Agile teams, contributing to architectural decisions, debugging complex SQL workflows, and maintaining system reliability.
- Contributed to the development of **Loan Management and Co-Lending modules** using **.NET Core, ASP.NET MVC, SQL Server, and basic front-end technologies**, supporting applications used by internal banking teams.
- Assisted in developing and optimizing **APIs** for loan origination, approval, disbursement, and repayment workflows, improving data accuracy and response times by **15%**.
- Actively participated in **Agile sprints**, daily stand-ups, and collaborated with cross-functional teams for feature development and bug fixes.

TECHNICAL SKILLS

Databases	SQL Server, T-SQL, SSRS
Development	Stored Procedures, Triggers, Query Optimization, Indexing, Performance Tuning
ETL/Data Eng.	SSIS, ETL Pipelines, DB-DB Migration
Tools	SSMS, SQL Profiler, DTA, Visual Studio, Jira, Postman, Zoho, TFS, Git
Programming	SQL, Java, JavaScript, HTML, CSS, Python, C#
Concepts	Data Modeling, Requirement Analysis, API Integration, Functional Testing
Domain	Banking & Microfinance Systems
Languages	English, Hindi, Kannada, Tulu

EDUCATION

B.E. in Computer Science and Engineering — CGPA 8.5

Canara Engineering College, Mangalore

Aug 2019 – May 2023

CERTIFICATIONS

- Coursera: RPA Automation (2023) , Python for Everybody, Python Data Structures
- Solved 500+ coding problems on LeetCode, GeeksforGeeks,
- HackerRank: SQL, Java, C (2024) ,

ACHIEVEMENTS

- Improved SQL workflow execution by **30%** through optimization.
- Recognized for consistent delivery across **7+ enterprise client projects**.