

Saurabh Malhotra

Mainframe Lead & Modernization Developer
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Mainframe professional with 15+ years of experience delivering enterprise technology solutions for global banking and financial services organizations. Proven track record of owning end-to-end technology delivery — defining timelines and schedules, managing stakeholders and vendors, ensuring governance and compliance, and leading teams across large, complex, multi-stream environments. Certified Scrum Master experienced in Agile and adaptive delivery models, combining strong mainframe engineering foundations with delivery leadership, risk management, and AI-enabled productivity.

PROFILE SUMMARY

- ❖ **Enterprise Solution Delivery:** Delivered enterprise software solutions across global banking and financial services organizations, supporting the complete application lifecycle from requirements analysis and solution design through development, testing, deployment, and production support.
- ❖ **Customer Engagement & Solution Design:** Worked closely with customers, business analysts and cross-functional teams to understand business requirements, design practical technical solutions, and deliver measurable business value.
- ❖ **AI & Emerging Technologies:** Hands-on with AI-assisted development and actively applying emerging technologies to improve engineering productivity, automate repetitive activities, and explore practical enterprise use cases.
- ❖ **Operational Excellence:** Delivered measurable operational improvements through process optimization, automation, root cause analysis, and performance tuning, including annual **MIPS savings of approximately €10M.**
- ❖ **Banking & Financial Services:** Extensive experience delivering and supporting mission-critical banking and financial applications within complex enterprise environments.
- ❖ **Mainframe Modernization (Replatform & Refactor):** Hands-on experience modernizing mainframe workloads to AWS using both **refactor** (AWS Blu Age) and **replatform** (Rocket/Micro Focus Enterprise Developer, Enterprise Server and EC2) approaches — spanning code transformation, migration validation, and cloud deployment. Also, experienced in creating migration strategies, architecture blueprints, and modernization roadmaps.
- ❖ **Delivery Leadership:** Led client-facing initiatives, spent **4 years at Onsite in Belgium** took care of knowledge transfer, production deployments, cross-functional collaboration, and technical mentoring while ensuring timely and high-quality delivery.

TECHNICAL SKILLS & CERTIFICATIONS

Mainframe	COBOL Micro Focus COBOL PL/1 JCL DB2 z/OS DB2 LUW IMS DB (DL/I) VSAM CICS Embedded SQL
Mainframe Modernization, DevOps, Tools & Automation	Micro Focus Enterprise Suite Rocket Enterprise Analyzer Enterprise Developer Enterprise Server EC2 S3 Bucket AWS RDS Putty Git GitHub Azure DevOps CI/CD IBM IDz Endeavor ChangeMan ISPW TWS/OPC
Expertise	Application Development Mainframe modernization and Transformation Refactor Replatform Application Management Performance Tuning Code Reviews Unit Testing SIT/UAT Debugging Root Cause Analysis Technical Documentation
Programming	Rest API Shell Scripting (Bash & Putty) JSON
AI & Generative AI	Generative AI Prompt Engineering AI Agents Model Context Protocol (MCP) LLM Fundamentals AI-assisted Development
Cloud & Modernization	AWS Blu Age (Foundation) AWS Transform (Foundation) Microsoft Copilot Studio Azure AI Foundry
Operating Systems	Linux, z/OS
Methodologies	Agile Scrum, Kanban, Waterfall, SDLC, Onshore-Offshore Delivery
Certifications	Microsoft Copilot Studio Azure AI Foundry AWS Partner Accreditation—Generative AI AWS Blu Age L1 AWS Transform Foundation Certified Scrum Master
Professional Strengths	Customer Engagement Technical Solution Design Stakeholder Management Application Development Production Support Cross-functional Collaboration Knowledge Transfer Technical Documentations

WORK EXPERIENCE

Sep'25 – Present | Mainframe Lead – II | Kyndryl Solutions, Pune

Client: ABN AMRO,NL

- ❖ **Mainframe Modernization to AWS:** Working on replatform of mainframe applications to AWS — using **Micro Focus Enterprise Suite** (Micro Focus) Enterprise Developer for replatforming, and EC2 for hosting and validating migrated workloads.
- ❖ **IMS DB to DB2 Migration:** Worked on the IMS DB to DB2 migration, leveraging AI tools (Microsoft Copilot Studio, Azure AI Foundry) to accelerate analysis, development and delivery through to production.
- ❖ **End-to-End Delivery Ownership:** Accountable for end-to-end delivery of the mainframe solution for the IMS DB to DB2 migration initiative — defining timelines and schedules, providing forecasts, tracking milestones, and ensuring delivery in accordance with business requirements.
- ❖ **Stakeholder & Vendor Management:** Collaborated with client architects, business analysts, product owners and project managers — translating requirements into technical specifications, communicating progress and forecasts, resolving blockers, and maintaining alignment on scope, schedule and priorities.
- ❖ **Delivery Governance & Compliance:** Ensured solution document artefacts (designs, roadmaps, technical specifications) were reviewed, walked through, signed off and maintained in the correct repositories, adhering to enterprise change and compliance processes.

May'18 – Sep'25 | Mainframe Technical Architect | Hexaware Technologies, Navi Mumbai

Client: Belfius Bank & Insurance, Belgium

- ❖ **Mainframe Modernization to AWS:** Contributed to refactoring initiative of mainframe applications to AWS — leveraging AWS Blu Age tool and services of AWS.
- ❖ **Knowledge Transfer (KT) Leadership:** Led Knowledge Transfer sessions from the client for Banking Accounting applications, ensuring a comprehensive understanding of system requirements and functionalities.
- ❖ **System Architecture & Client Demos:** Designed the end-to-end system architecture, conducted client demos, and created detailed Knowledge Acquisition documents and playback presentations to facilitate smooth knowledge transfer.
- ❖ **Single Point of Contact (SPOC) & COBOL Program Development:** Acted as the Single Point of Contact (SPOC) for the client, coordinating KT sessions and updating domain-level documentation through self-learning. Additionally, designed and developed COBOL programs for customer communication and accounting domains.
- ❖ **Project & Team Management:** Managed project timelines, team coordination, and the execution of deliverables, overseeing consultants and ensuring alignment with client requirements and expectations for timely project completion.
- ❖ **Support & Maintenance:** Provided technical support and troubleshooting, reducing downtime by 15% and resolving critical issues. Led corrective and adaptive maintenance requests, ensuring continuous functionality and reducing incident counts by 10% through Root Cause Analysis (RCA).
- ❖ **Technical Specifications & Design Collaboration:** Worked closely with business analysts to gather and analyze requirements, creating detailed technical specifications and design documents for new modules.
- ❖ **Production Support & Downtime Reduction:** Offered technical support and troubleshooting for production issues, leading to a 15% reduction in downtime and ensuring continuous operations.
- ❖ **Batch Process Optimization & Incident Reduction:** Optimized batch processes, reducing processing time by improving code and DB2 queries, and applied Root Cause Analysis (RCA) to resolve recurring bugs, reducing incident counts by 10%.

Jan'17 – May'18 | Advisory System Analyst | IBM, Pune

Client: Westpac Bank, Australia

- ❖ **COBOL Program Development & Maintenance:** Developed and maintained COBOL programs to process millions of accounting transactions daily, ensuring high performance and accuracy.
- ❖ **Quality Assurance & Debugging:** Collaborated with QA teams to conduct unit testing and debugging, achieving zero defects in production releases.
- ❖ **Job Automation & Process Optimization:** Automated job scheduling and monitoring using tools like TWS/OPC, reducing manual intervention by 20% and improving efficiency.
- ❖ **Code Review & Developer Mentorship:** Participated in code reviews and mentored junior developers on COBOL best practices and mainframe architecture, fostering team growth.
- ❖ **System Documentation & Support:** Created detailed documentation for existing systems to facilitate easier maintenance and knowledge transfer and provided 24/7 on-call support for critical batches, renewal processes, UAT, and production deployment.

PREVIOUS EXPERIENCE

Oct’15 –Jan’17 |Senior Software Engineer | NIIT Technologies, Noida

Client: Sabre, USA

Sep’13 –Sep’15 | Software Engineer | UnitedHealth Group, Noida

Client: United Health Group, USA

Jan’11 –Sep’13 | Project Engineer | Wipro Technologies, Noida

Client: State Street, USA