
DEIRDRE A. MARAS

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SOFTWARE DEVELOPMENT PROFESSIONAL

Information technology knowledge with strong background in technical, communication, user-interface, training, project management, and leadership skills. Apply mainframe application and development skills in software environments to enhance system functions. Proactively implement test cases to produce correct results and realize outcome of desired updates. Recognized for quality of work, sharing and presenting information, attention to detail, and timeliness of completing projects, bridging the gap between initial concept to finished product. Team player and independent work initiator in the telecommunication, retail, manufacturing, construction, and automotive industries.

Areas of concentration include: applications development, software package implementation, and batch cycle monitoring and support.

CORE COMPETENCIES

Project Management

- **Leadership:** inspired team members to produce project status reports to reveal on-track and forward-moving work in progress.
- **Risk Management:** oversaw controlled risks to ward off unexpected issues for project initiators.
- **Project Recovery:** devised a plan to completely recover data, jobs, etc. from previous process error-free and in a timely manner.

System Development Life Cycle

- Waterfall, full scope:
 - Plan and gather requirements. Design, develop, test, deploy, and maintain.
- Agile, a series of smaller work segments with repetitive actions: – Requirements, design, develop, test, and deploy.

Technical Trainer

- Devised and prepared training material.
- Conducted interactive and recorded training sessions.
- Trained offshore team members on company procedures, technology, cycle monitoring,abend resolution, and communication skills to relay information to multiple support teams.

EXPERIENCE

HCLTECH – HCL SOFTWARE DIVISION, Noida, India (Worked Remotely)

2021 - 2024

Global developer and supporter of software for Digital Transformation, Data Analytics, AI and Automation, and Enterprise Security.

Senior Software Engineer II

Concentration in RFT DB2 testcase development, execution, and improvement using JAVA, Git, and Data Studio for File Manager product.

- Daily interfaced with Development team and management to understand product enhancements and deadlines.
- Upgraded DB2 version testcase environments from Db2V10 to Db2V12 and Db2V13. This included creating, exporting, and importing Db2 tables and other objects.

CSG SYSTEMS INC., Omaha, NE

2000 – 2020

*Multinational provider of business support systems software and services to the telecommunications industry.***Senior Software Engineer**

Performed all system development life cycle phases for multiple subsystems for major video, telephony, and high-speed data billing and reporting applications. Role required a significant amount of analysis, problem resolution, technical expertise, and communication with senior management and support teams.

- Implemented efficiencies to decrease job run times. Troubleshoot processing issues to prevent missing SLAs.
- Monitored nightly batch system jobs and resolved abends for restart with operations team.

FIRST DATA RESOURCES, (now Fiserv), Omaha, NE

1999 – 2000

*Electronic payment processing company providing back end credit card processing services to financial institutions. Now part of Fiserv, it is a global leader in payment and financial technology.***Software Engineer**

Analyst in the re-architecture services department managing the global addressing project within the DB2 development team to expand addresses to accommodate international addressing rules.

- ☐ Designed DB2 access paths to new tables for batch and online transactions. Interfaced with DB2 and CICS environment personnel to enable DB2 to be accessed in non-DB2 CICS environments.
- Provided technical support for conversion of systems from VSAM files to DB2 tables among new business teams. Adapted cardholder file systems to use new DB2 tables.
- Performed analysis to drop unused versions of DB2 tables and affected programs, jobs, procs, and control cards to clean the environment and free space. Modified 10 production batch cycles to use DB2 logic in the code and JCL to run simultaneously versus single threaded, while preventing DB2 deadlocks.
- Performed DB2 quality inspection of design, code, and test processes associated with team's development and enhancement projects.

THE HOGAN GROUP, Omaha, NE

1997 – 1999

*Recruiting firm that hires top-rate technical talent to clients on a contract basis for every computer hardware and software platform.***Senior Technical Consultant**

Performed functional analysis, technical design, construction, testing, and implementation of SAP R/2 RF, RM, and RV enhancements in order-through-invoice and invoice-through-financial sub-systems for major food manufacturer. Activities involved a constant, high-degree of user, business analyst, and technical interfaces to ascertain requirements, develop products, and complete acceptance testing.

- Developed and documented business process-flow procedures.
- Developed and documented production support on-call procedures used by production support team.

UNITED DATA SERVICES, Valley, NE

1997

*Software consulting company delivering solutions to clients that elevate IT systems and technology.***Senior Analyst**

Developed functional specifications to be utilized by development and test teams for Y2000 project.

- Focused on online (CICS) applications of State of Nebraska.
- Worked closely with test team to identify how best to document requirements for their use in building test cases.

APPLICATIONS DESIGN & DEVELOPMENT (AD&D), Omaha, NE

1995 – 1997

*Software consulting company providing IT specialists to accelerate development of business software applications.***Senior Technical Consultant**

Interfaced with clients to perform assessment and plan phases for Y2000 projects.

- As test team lead, responsibilities included: planning and organizing integration, system, regression and reconciliation test requirements, procedures, and methodologies.
- Lead CICS and DB2 environmental requirements definition.
- Technically designed and constructed Visual Basic module tracking application.
- Performed as technical manager for on-site AD&D consultants, including day-to-day interfaces and annual performance reviews.

MCI, Colorado Springs, CO

1993 – 1995

*Telecommunications company that was the second largest long-distance provider in the United States before being acquired by Verizon in 2006.***Senior Programmer and Analyst**

- Performed all systems development life cycle phases using corporate systems development methodology for rate database (RDB) and access cost determination system (ACDS) CICS telecommunications applications.
- Utilized Micro Focus COBOL development tool.

E D U C A T I O N

Diploma, Computer Technology, NEW YORK UNIVERSITY, New York, NY (1988) **Bachelor of Arts**, Concentration, CASE WESTERN RESERVE UNIVERSITY, Cleveland, OH (1977)

H A R D W A R E

IBM Mainframe, z/OS, 309X, OS/MVS, OS/MVS XE, and IBM Compatible PCs.

S O F T W A R E

JAVA, RFT, Git, Data Studio, DB2, SQL, Spufl, BMC Catalog Manager, QMF, CICS, BMS, Xpedit, Intertest, EDF, IMS-DB/DC, IMS-Xpert, IDMS/R, REXX, ABAP, SAP R/2, Visual Basic, Cobol, Cobol II, Cobol 6, Micro Focus Cobol, Easytrieve, PL/1, JCL, IBM Utilities, TSO/ISPF, Librarian, Panvalet, Elipse, Roscoe, Endeavor, Infoman, File-AID, Data-Xpert, VSAM, ISPW, Cambar, Magnum, Credicheck, Credigrant, Inforem, PRJ RIS, Viasoft (Estimate, Alliance, Insight, Smart Test), Version Merger, OS/2, Windows 10, MS-DOS, JIRA, MS-Word, MS-Excel, MS-Explorer, MS-Access, MS-Exchange, MSSchedule+, WordPerfect, File Manager, Lotus Notes, Top Down, Flowcharting, and Visio.

M E T H O D O L O G I E S

Method/1, Design/1, and Corporate Systems Development Life Cycle(CSDM).