

# Anna Maltepes

## Analyst, Quality Assurance Lead Engineer - PJM Interconnection

Chalfont, PA - Email me on Indeed: [indeed.com/r/Anna-Maltepes/780d2f66ba7f27ed](https://www.indeed.com/r/Anna-Maltepes/780d2f66ba7f27ed)

Authorized to work in the US for any employer

### WORK EXPERIENCE

#### Analyst, Quality Assurance Lead Engineer

PJM Interconnection - Norristown, PA - August 2015 to Present

PJM Interconnection)

- As part of the full life-cycle development process, involved in gathering customer requirements, collaborating with end-users, developers and systems and technology experts.
- Creating test cases/scenarios from business requirements. Participate in all phases of the project life cycle.
- Participating in peer code reviews.
- Interfacing with business users to prepare and update Software System Requirements.
- Created and executed test cases and test scripts.
- Performing data analysis and presented results using SQL, SSIS, MS Access, Excel scripts.
- Effectively identify errors and issues involving data flow discrepancies, following up with recommendations to improve daily operations.
- Developed, wrote and executed test cases, test scripts using SQL scripts. Document actual results using Quality Center.
- Identified and troubleshoot issues during testing. Record issues in accordance with Agile project.
- management process. (JIRA)

#### Software Engineer(3M Heath Information Systems)

3M - Salt Lake City, UT - December 2013 to August 2015

Salt lake city,: ut dec2013 - Aug 2015

Provides medical

coding services

Software Soft Software Engineer(3M Heath Information Systems) - remote

#### Major Contributions

- Responsible for Integration, Functional, UAT and Regression testing on 3M Epic applications.
- Responsible for designing, building, installing, configuring and supporting 3M Epic web services and servers.
- Provide application support, including upgrading and maintaining Epic Windows and Web Servers.
- Provide user training, system upgrade, patch release install. Regression testing after the upgrade.
- Prepare functional and technical specifications, test plans, and ensure internal teams are well versed in the testing approach for the projects. As part of the full life-cycle development process, accountable for developing, configuring, deploying, and managing productions that handle the processing of patient data received externally from hospital information systems into 360 Encompass
- Responsible for development, supporting, enhancing, and optimizing import procedures and interfaces between Cerner as well as CGI Sovera and 3M HIS Health Information Management (HIM) Applications.
- Responsible for development, testing, deployment and onsite support of a large-scale system which enabled to transmit patient data using the Health Level 7 (HL7) data interchange protocol. (XML, JSON)

- Create test scripts, record discovered defects and issues. Support processes and applications which allow to communicate with external systems (Hospitals), and convert the data to the internal formats required to store it into the 360 Encompass databases
- Provide ongoing support for Ensemble CAE production that manages the external interface services and processes that receive and process the data sent from hospital information systems and transmits it to 360 Encompass medical coding components utilizing Ensemble/Cache technology and JSON Objects, Microsoft SQL Server and .NET C#
- Participate on cross-functional teams, coordinate and communicate with Project Managers, Product Analysts, Quality Actively
- Involved in the requirements gathering and specification definition phase of the projects as well as development and project management using Agile methodologies
- Analyze software risk assessments, conducting technical presentations and technical "walk-throughs" training
- Perform product demonstrations with 3M internal customers.
- Collaborate with internal customers to identify issues and communicate progress, supporting existing production
- Conduct System Regression Testing, using custom Regression Test Tool

### **Analyst, Senior Programmer**

Quest Diagnostics Inc - Norristown, PA - October 2004 to December 2013

Laboratory Applications Development)

Accountable for design, development, deployment and support of the business applications and automated processes which facilitate collection and analysis of Laboratory data, and operations of various business processes such as compliance and billing

#### **Major Contributions**

- Responsible for development, testing, deployment and onsite support of a large-scale system which enabled Quest's field laboratories electronic and secure submission of cancer cases using HL7 2.3 to various state's Healthcare Agencies
- Design, develop and support processes and applications which interface with Clinical devices and encode Clinical data to HL7 files specifications
- Support and maintain automated processes which maintain interfaces and data flow between internal Quest systems and customer facing EMR/EHR Application (Care360) used by Healthcare Providers
- Support in Laboratory Applications System which provide users with high availability to the clinical data utilizing Cache technology and JavaScript Objects, JSTL\Custom Tags and Microsoft SQL Server
- Assess system/network availability, security, and data integrity to identify, manage, and reduce risks and ensure general compliance
- Plan, coordinate and provide user training demos upon successful project's completion
- Act as a technical lead to integrate Quest billing system with ICD-10 codes database to enable users to receive real-time ICD-10 codes updates, and submit ICD-10 codes information to the billing system

### **Software Developer (Java)**

ING DIRECT Bank - Wilmington, DE - October 2003 to December 2004

Tasked to manage a large-scale implementation of a Web based "Bill Pay" application using Java, J2EE (JSP, EJB, custom JSP tags), Oracle and XML

#### **Major Contributions**

- Coordinated with Development Manager and business owners to refine and clarify project requirements and produce detailed design specifications
- Performed unit testing and released enhancements to the Business owners. Provided support for the financial transactions and accounts management application to different business units
- Administered support to various users and business groups by generated ad-hoc SQL queries and reports
- Ensure the overnight transactions (jobs) ran smoothly without any problems, and fixed the problem source in case if issue

### **Software Analyst/Developer (Java)**

Sanchez Computer Associates Inc - 1996 to 2003

Documented, coded, unit tested and released projects to the Web Client and Web Admin products for use with Xpress using Java Servlet technology

### **EDUCATION**

#### **DPT in Computer Science Program**

DPT Business School - Philadelphia, PA

1995 to 1996

#### **B.S. in Electrical Engineering**

Institute of Civil Engineering

1989 to 1994

### **ADDITIONAL INFORMATION**

Operating Systems: UNIX, DSM, Windows Server [...] Windows XP Pro/7

Languages: C#, SQL, PL/SQL, C/C++, Java, Cache Objects

Databases: Oracle 9i/11g, Visual Studio .NET [...] InterSystems Cache, Sybase SQL Anywhere 5.5, MS SQL Server [...]

Development Tools: Visual Cafe for Java, Eclipse, StarTeam8, MS Visual SourceSafe

Development Methodologies: SDLC, Agile, SCRUM, Design Patterns, Use Cases, Unit Testing

Specialties: ICD-10; Clinical Documentation Improvement; Computer Assisted Coding ( CAC ), Process Improvement, HIMS Applications and EHR Integration; Health Information Technology Workflow Analysis and Redesign, Epic Order Set Creation; Epic Clinical Content Review; Cerner HIM Applications; Affinity Reports and Queries; Technical Documentation.

### **Areas of Expertise**

- ✓ Leadership ✓ Software Development Life Cycle
- ✓ Object Oriented Programming ✓ Highly Organized and Strong Analytical Abilities
- ✓ Project Management ✓ Systems Deployment
- ✓ Testing and Support ✓ Development and Implementation of Policy
- ✓ Able to multi-task in fast-paced environments
- ✓ Articulate Oral and Written Communication
- ✓ Team Management
- ✓ Documentation
- ✓ Strategic Planning
- ✓ Requirements Analysis

- ✓ Account Management
- ✓ HER, HL7
  
- ✓ Problem Resolution and Decision Making
- ✓ Organizational and Analytical Abilities
- ✓ Laboratory Data applications
- ✓ Electronic Medical Records (EMR)
- ✓ Health Insurance Billing
- ✓ Risk Assessments
- ✓ Presentation Skills
- ✓ Fluent in Russian