

# NIKIL REDDY MUDEM

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## Professional Summary:

- Over 3+ years of extensive Healthcare IT experience as an Integration analyst.
- Implementation/support experience on LIS Healthcare applications as an Analyst and Developer using Mirth Connect Integration engine.
- Good Knowledge on HL7 V2.x messages such as Patient Admission (ADT), Lab Orders (ORM) and Results (ORU), Charges (DFT), Acknowledgement (ACK).
- Detailed understanding of HL7 segments, fields and data types such as MSH, PID, GT1, PV1, NK1, OBR, OBX, ORC,NTE, FT1, DG1 etc.
- Conducted gap analysis to determine the interface customizations required for the project.
- Extensive Mirth Connect & Mirth Scripting(E4X) experience.
- Expert knowledge on communications protocols like FTP, SFTP, TCP/IP, HTTP, Webservices etc.
- Experience in implementing ADT, ORM, ORU, DFT interfaces.
- Have done HIPAA certification and attended various HIPAA trainings.
- Exposure to Health Insurance Portability & Accountability Act (HIPAA).
- Understanding about E.H.R, L.I.S and E.M.R.
- Take ownership of the interface development process and act as the final point of the technical escalation on application issues, diagnosing root cause through a structured process of investigation.

## Professional Experience:

Working as Integration Analyst in **DSIG IT SOLUTIONS PVT LTD**, Hyderabad from November 2017 to till date.

## Projects:

### APEasy:

It is the next generation of cloud-based laboratory information system designed specifically for anatomic pathology workflow. AP Easy Cloud is an intuitive and easy to learn system. Host the system on your servers or subscribe to our cloud hosting service. Deployed on Amazon Web Services (AWS) our cloud solution is secure, scalable and HIPAA compliant. AP Easy Cloud includes an integrated provider portal allowing users to submit online orders and receive reports.

### **Roles and Responsibilities:**

- Responsible for implementing HL7 interfaces for vendors (eCW, Athena, gMed, Cerner, Ellkay, NexTech) to send data to EHR.
- Worked on the Interface Development (ORM, ORU, DFT, ADT) in Mirth Data Exchange.
- Involved in Specification analysis and designing the Interface rules.
- Installed and configured Mirth Interface Engine.
- Developed Interfaces for TCP/IP, SFTP, Webservices and API based communication.
- Management - Integration Planning, Strategy, Design, Development.
- Key Learnings: Mirth v3.10.0, JavaScript, XML, EDI, HL7v2 messaging (ADT, DFT, Orders, Results).

### **EASYTOX:**

Easytox from APEasy is a robust and scalable cloud-based toxicology lab reporting software designed & developed for toxicology labs and pain clinics. Easytox includes an integrated provider portal allowing users to submit online orders and receive reports.

### **Roles and Responsibilities:**

- Responsible for implementing HL7 interfaces for vendors (eCW, Athena, gMed, Cerner, Ellkay, NexTech) to send data to EHR.
- Worked on the Interface Development (ORM, ORU, DFT, ADT) in Mirth IE.
- Involved in Specification analysis and designing the Interface rules.
- Developed Interfaces for TCP/IP, SFTP, Webservices and API based communication.
- Responsible for enhancements and fixing defects.
- Management - Integration Planning, Strategy, Design, Development.
- Key Learnings: Mirth v3.10.0, JavaScript, XML, EDI, HL7v2 messaging (ADT, DFT, Orders, Results).

### **Practice Insights:**

Omnia Billing a powerful way to make practice management easier and more efficient. This easy to use practice management system from APEasy will help automate and streamline the administrative and billing functions no matter the size of your organization.

### **Roles and Responsibilities:**

- Responsible for implementing HL7 interfaces for vendors to send data to Practice Insights (PI) application.
- Worked on the Interface Development (DFT) in Mirth IE.
- Involved in Specification analysis and designing the Interface rules.
- Developed Interfaces for TCP/IP, SFTP, Webservices and API based communication.
- Responsible for enhancements and fixing defects.

SV Trainings