

**G.Sai Mahendra Reddy**

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**Java and PHP Developer**

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### Professional Experience:

- Deputed to **Alcatel-Lucent** from CelStream Technologies Pvt Ltd from Aug 2011 to till date.
- Deputed to **Accenture** from Favin Technologies from May'2009 to Aug'2011

### Professional Summary:

- 3 years and 9 months of experience in Application Development.
- Experience on **core java, PHP, JDBC, JAXP, JAXB, Actuate BIRT Tool, XML, and MySql.**
- Worked with **Eclipse IDE, LAMP server and BIRT Spreadsheet Designer.**
- Experience with **Spring IOC and Hibernate API's.**
- Experience in **NMS/EMS and Banking** Domains.

### Academics:

- ✓ B.Tech in Information Technology from S.V University.

### Project Details:

**Project Name : Enterprise Middleware System.**

**Client : JP Morgan & Chase**

**Duration : May 2011 to August 2011**

**Technologies : Java, XML, JAX P, JAX B, RAD, CCRC, DB 2, HIBERNATE, SPRING.**

### Description:

EMS, the middleware application, which re hosts the existing HMS, which enables asynchronous communication in the form of Java Objects, XML, and fixed length data strings, to backend COBOL based mainframe applications and data structures.

EMS is intermediary systems that establish the communication between cross-platformed apps, i.e. the frontend and backend communicate via EMS, in order this to

be done, here we make use of platform independent combo XML and JAVA, and these partners are the core building components of the EMS application.

Here we have two XML files for a service, SERVICE XML and UOW XML, where UOW stands for Unit Of Work and the service xml service takes the responsibility of the incoming parameters i.e. Request and UOW takes the responsibility of the response from the backend.

Here the services are exposed as either simple service which makes use of HTTP or as a WEB SERVICE which makes use of SOAP on the top, here both the EMS and frontend apps have listeners and whenever a request is sent from the frontend it get stored in the Message-Queue and the listeners alarms the apps about the request and the data (incoming parameters) is appended and stored as a fixed length string and then it is tokenized and stored in the RSI-Session , which acts as an intermediary repository (i.e. buffer).

Here we have two other important components, VALIDATOR and MUTATOR, the former one validates the incoming data against the standard specifications, here we can specify the custom validations too, if the data needed to be modified (i.e. mutated) we have special JAVA classes called MUTATORS.

We have a block called Generic Data Process which interacts with the DB2 to store the configurations and Mutators are part of this GDP.

**RESPONSIBILITIES:**

- Developed service definition document for all the services
- Worked with JAX P and JAX B for parsing and binding
- Developed Mutator, validator classes for the services
- Worked with Spring IOC for building loosely coupled components.

**Project Name : SPO (System Performance Optimization)**  
**Client : Alcatel-Lucent.**  
**Duration : AUG 2011 to Nov 2011.**  
**Technologies : JAVA, JDBC, HIBERNATE, UNIX, SPRING, PHP.**

**RESPONSIBILITIES:**

- Understanding the business requirements.
- Worked with the data layer, using JDBC and HIBERNATE.
- Building Perl Scripts for automating the process of report generation.
- Configuring the application environment on the UNIX machine.
- Building and deploying the application on the UNIX server, monitoring the logs.
- Worked with Spring IOC for building loosely coupled components.
- Interacting with the onsite team and clients for the enhancements.

**Project Name : PNM (Proactive Network Monitoring)**  
**Client : Alcatel-Lucent.**  
**Duration : AUG 2011 to till date**

**Technologies**  
**REPORTS, PERL, PHP.**

**: JAVA, JDBC, HIBERNATE, UNIX, SPRING, BIRT**

**DESCRIPTION:**

The application is a report generation tool, the report which the system engineers work on to study the health of the application. Here the option is left to customer whether he will generate the report on the fly or it will be created and will be downloaded on demand. The tool uses java, PHP for the designing the front end and development process, Actuate birt spreadsheet designer will be taking the part of designing the skeletons for the reports and MySQL works as database engine. Perl is used for automating the tasks and, the application bearer is Unix OS. Once the report get generated the mails will be sent out to the corresponding onsite team and off site team, PHP is used for mailing API and then the audit report thread will run, and the corresponding mail will be sent to development team, so that if there are any issues with the report generation, dev team can debug and solve the issues.

**RESPONSIBILITIES:**

- Understanding the business requirements.
- Developing report skeletons with the ACTUATE tool.
- Worked with the data layer, using JDBC and HIBERNATE.
- Building Perl Scripts for automating the process of report generation.
- Configuring the application environment on the UNIX machine.
- Building and deploying the application on the UNIX server, monitoring the logs.
- Worked with Spring IOC for building loosely coupled components.
- Interacting with the onsite team and clients for the enhancements.
- Working with the PHP mailing API for the report generation alarming and audit report alarm.
- Creating dashboards for customer to start report generation on the fly.

**Project Name**  
**Client**  
**Technologies**

**: Attendance System and Pay Slip downloader**  
**: Internal Project**  
**: JAVA, JDBC, HIBERNATE, PHP, MYSQL.**

**DESCRIPTION :**

**Earlier the system was like, manual entries for the timesheets through excel sheets and pay slips were generated by the finance dept and mailed to the employees. The credentials remain the same and the decision to update the attendance data of the employee depends on the project. If it was for twice in a month , two days before the due date , a remainder is sent to the employee on the same .once the employee fills the data , he can send it for approval , the manager receives the remainder for the same. The second one is like there will be a dash board and the employee on entering the credentials, his corresponding pay slip will be downloaded.**

## **RESPONSIBILITIES:**

- **Working with java and database API's for the data maintenance.**
- **Working with PHP for mailing API.**

(G.Sai Mahendra  
Reddy)