

# Sheeju Ranji Alex

## **Lead Product Developer @ Excleron Software Pvt Ltd.**

Bangalore, India

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## Summary

- Full project management from initial concept, debugging and testing, to final release
- Ability to collaborate with Web Designers and other visual thinkers, as well as developers
- Authored CPAN Module DBIx::Class::PgLog used for Auto logging DBIx create/update/delete statements
- Over 9 years of development in Perl related software applications.
- Over 8 years of experience in databases (Postgresql, MySQL, Vertica, Oracle etc..)
- Expert in Asterisk PBX, Conferencing with E1 or T1 integration
- SOAP/REST based web services development with Perl

## Technical Experience and Proficiency

### **Development Technologies**

- PERL (Catalyst MVC, Moose, DBIx::Class ORM, TDD, CPAN)
- C, C++, PHP, SVN, Git, Github
- Database Used (MySQL, PostgreSQL, MSSQL, Oracle, Vertica, SQLite)
- HTML/HTML5, CSS 3, Javascript, JQuery, XML, JSON

### **Telephony Technologies**

- Asterisk, OpenSER, VOIP (SIP, IAX, H323) – Installation, maintenance and configuring PBX and SIP end points
- TDM (Digium (FXO/FXS, PRI), Sangoma (PRI) cards – Installing and configuring PRI telephony cards with asterisk.

## Education

### **Bachelor of Engineering**

**B.T.L Institute of Technology and Management**, Bangalore, INDIA

Won Best outgoing student for the year 2004-2005.

## Professional Experience

### **Exceleron Software Pvt Ltd.** – (Lead Product Developer)

*Feb 2013 – Till Now*

- ✓ Leading and Managing “Alerts Engine Development for MyUsage Prepaid”
- ✓ Setting up frameworks for development team to work on
- ✓ Design & Plan on development and also plays role of **Scrum Master**

### **Glassbeam IT Services Pvt Ltd.** – (Senior Software Engineer)

*June 2011 – Feb 2013*

- ✓ Development of backend server using Perl CGI and Vertica data warehouse.
- ✓ Handling UX and UI development for Glassbeam Product using Flash/Flex, HTML and Javascript
- ✓ Working alongside clients, development team and project managers to assign tasks and maintain collaborative work-flow

### **BravoLucy Technologies Pvt Ltd.** – (Senior Product Developer)

*August 2009 – May 2011*

- ✓ Designing the database architecture
- ✓ Development of backend server using Perl Catalyst MVC Framework
- ✓ Handling UX and UI development for Lucy Football Software, Supply Chain Management Forecasting software using Flex, HTML and JQuery

### **Belzabar Software Design India Pvt Ltd.** – (Project Co-Lead)

*October 2007 – August 2009*

- ✓ Designing the database architecture
- ✓ Usage of XHTML/CSS, Perl, PHP 4/5, MySQL, MSSQL, Oracle and jQuery/Javascript

### **Brunswick Telesolution Pvt Ltd. (Indosoft Inc)** – (Software Engineer)

*January 2006 – October 2007*

- ✓ Development using Perl, Mason, HTML, PostgreSQL, MySQL, Asterisk and Javascript
- ✓ Interacting with Client during Installation and deployment of Conferencing bridge software and customizing according to client requirement.

# Projects

## MyUsage (Glassbeam)

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Clients : 70+ Utility providers in USA  
Technologies : Modern Perl (Catalyst, Moose, DBIx, POE), PostgreSQL, Redis

### Project Description:

MyUsage™ Prepaid is a web-based, hosted solution that communicates with existing AMI and CIS systems to manage prepaid accounts for electricity, gas, water, and other utility services.

MyUsage™ Prepaid includes an alert engine that automatically generates alerts to inform consumers of the status of their prepaid account.

Consumers may choose to receive alerts via an automated telephone call, SMS text messaging, or email. MyUsage Prepaid can be configured to generate Daily Balance, Recharge, Low Balance, Pending Disconnect, and Monthly Usage Statement alerts. The alert messages can be customized by the utility.

### Responsibilities:

- ✓ Involved in Architecture Designing (Technology and Database Design)
- ✓ Involved in Setting up framework for team to start their work.
- ✓ Team's Scrum Master with Lead development responsibilities

## SPLi (Glassbeam)

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Clients : Aruba Networks, EMC, IBM, Blue Arc  
Technologies : Perl, SPLi™, Vertica

### Project Description:

SPLi is patent pending parsing engine written in PERL which heavily makes use of Regex and data structure. SPLi is also extraction and load engine that can process information from terabytes of raw unstructured data. Data warehouse which is using Vertica database is automatically created from parsing and loading engine.

### Responsibilities:

- ✓ Involved in Re-designing SPLi for performance efficiency
- ✓ Development, Testing and Maintenance

## Support Portal and BI WorkBench (Glassbeam)

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Client : Aruba Networks, EMC, IBM, Blue Arc  
Technologies : Perl, CGI, Vertica, Flex

### Project Description:

Support Portal & BI WorkBench is core product of Glassbeam which is developed using Flex and backend server is using Perl CGI which emits JSON Response.

### Responsibilities:

- ✓ Involved in Development of the Software

- ✓ Designing new UI screens for Support Portal and Workbench

### Lucy Football Analytics Software (Bravolucy)

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Client : <http://www.altomfotball.no>

Technologies: Perl, Catalyst MVC, Flex, Swiz Framework, LINUX, Web Crawler

#### Project Description:

Lucy football software is new generation software for media industry and football fans to follow live games and analyze the performance of a team or league. This project consists of 2 main parts

1. Data Collection and storage which is developed using Perl
2. User Experience Implementation and Data Presentation which is developed using flash and the data interchange between user interface and the server is through XML data format. The XML **data server is developed using Catalyst MVC framework (PERL).**

#### Responsibilities:

- ✓ Designing the database architecture
- ✓ Creating Parser and Import module to collect data from different sources.
- ✓ Implementing MVC Framework for XML data interchange.
- ✓ Deploying the Lucy Football software in Linux environment

### Lucy Sales Forecasting Software (Bravolucy)

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Technologies : Perl, Catalyst MVC, Flex, Cairngrom MVV

#### Project Description:

**Lucy Sales Forecasting software** is fast, easy and accurate forecasting software for business professionals. Lucy Sales Forecasting software supports forecasting product or category (group of product).

#### Responsibilities:

- ✓ Involved in Development of the Software
- ✓ Involved in customizing according to client specifications
- ✓ Involved in deploying the software to production server.

### Technical Partner Application (Belzabar)

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Client : <http://www.netapp.com/>

Technologies : Perl, MySQL, Oracle, LDAP

#### Project Description:

Content management and reporting interfaces for NetApp, called the TPA. This is used by NetApp for internal partner and customer management. This application communicates with 2 database to get basic information about NetApp's partners, the partners' employees and those employees' certifications from an existing NetApp database, called the *Partner DB (Oracle) (Read permission only)*. Our Database (MySQL) will be used to store custom information such as skills, territory coverage etc.

#### Responsibilities

- ✓ Involved in Development of the Software
- ✓ Involved in customizing according to client specifications
- ✓ Involved in installing the software to production server.

### Metasearch Engine (Belzabar)

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Client : <http://ixquick.com/>  
Technologies : Perl, MySQL, JavaScript, Ajax

#### **Project Description:**

Ixquick is a metasearch engine: when you search Ixquick, you are searching many popular search engines - anonymously - at the same time. Combined, these engines cover more of the Internet than any one search engine covers. An Ixquick result is awarded one star (\*) for every search engine that chooses it as one of the ten best results for your search. So a five star (\*\*\*\*\*) result means that five search engines agreed on the result. This is significant because search engines choose results in different ways, and each approach works well in some cases and poorly in others. A result with many stars was chosen for many different reasons, and is a consensus choice of many search engines.

#### **Responsibilities**

- ✓ Involved in Software Support and customization

### Conference Bridge Installation and Development (Indosoft)

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Client : Thinktel, Unified, Empire, Mphasis, Redback Conferencing  
Technologies: Perl, Mason, PostgreSQL, Apache, Asterisk, Meetme Software

#### **Project Description:**

Audio Conference System & Teleconferencing Solution that connects seamlessly over TDM and IP networks. The audio conference bridge includes a comprehensive set of features and is easily customizable.

#### **Responsibilities**

- ✓ Involved in deploying Indosoft conference bridge Application to client's server
- ✓ Involved in customizing according to client specifications

## Interest

Music, Watching Soccer, Photography, traveling & traveling