

**Summary :-**

A Highly Motivated, Ambitious & Experienced IT professional (Backend Java Developer) with an experience more than 6 years and unique combination of hands on product development and production support to lead the delivery and implementation of software products.

**Technical Skills :-**

<b>Operating System</b>	WINDOWS, Ubuntu
<b>Languages</b>	Java (Advanced), SQL (Various Databases), Shell Scripting, python (intermediate), Perl (Beginner)
<b>Technology</b>	Hibernate, Spring Dependency Injection, Spring AOP, MyBatis, MXML, RestEasy , Jersey, JSONObject ,Jackson , CDI and Querydsl (JPA), ActiveMQ, Kerberos, Hadoop/Hive, Spark SQL, Alation (Data Catalog), OSGi.
<b>Testing and Logging Tools</b>	Mockito, Log4J and Junit.
<b>Build Tools</b>	Maven and Ant.
<b>Software Revision Control System</b>	Git
<b>API</b>	Jasper Report, HSSF/XSSF Workbook of Apache POI For Reports, BigQuery API, iText , JPA and JDBC

**Work Experience :-**

**BeeHyv Software Solutions Pvt. Ltd./Designation : Senior Software Developer (Java Middleware Developer)**

**Motech Platform Development :-** Motech is development suite for Project related to health care.

**Responsibilities:-**

- Worked on bug fixing of module Care Vaccinations module related to scheduling registered child and mother vaccination alerts to mobile.
- Handled critical issues as care vaccination development doesn't adhere to design documentation, Understanding design documents and patched module to adhere to documentation.
- Migrated data from older version to newer version of Motech for care vaccination
- Moved Care vaccination to newer version of motech, minor code changes and pom.xml changes.



- Worked on developing an activemq check (.i.e activemq is running or not) while bootstrapping motech platform, if not running raised an alert to start it.
- An ORM layer (Motech Data Services) is created over dataNucleus, Fixed unidirectional relationship based on Custom annotation.
- Worked on fixing Motech Data Services Layer ORM Mapping issues. Wrote Integration Tests for them.
- Fixed few UI issues.
- Worked on enhancing previous motech-contrib (These are base libraries used to develop motech platform) to support new features required by motech-contrib implementations like Motech-WHP, ananya-reference-data.
- Worked on fixing features of various Motech Projects like Motech-WHP and ananya-reference-data.

Technology :- Spring, DataNucleus, Quartz, Java Reflection, Motech Platform, ActiveMq, mysql

**Alation** :- Working on Meta Data Extraction, Query Logging and Access Rules Extraction for various databases.

Responsibilities:-

- Worked on adding missing attributes of metadata extraction from various databases Oracle, MySQL, Teradata Aster Db2 LUW, Vertica, Redshift, Hive, Vertica, Postgresql, BigQuery.
- Added Distribution and Sort Key Metadata information, enhancing framework to support it creating a custom Iterable.
- Worked on Query Logging of Db2 LUW and Teradata Aster.
- Wrote Access Rules Extraction for Teradata Aster.
- Developed a test framework which Deserialize yaml files and compare golden vs temporary objects and results unmatched objects.
- Used Factory Pattern to design Describe Tables extraction from above listed 10 databases.
- Refactored test framework, modified comparison of golden vs temporary metadata extraction files from file based comparison to yaml Map based comparison.
- Added a configurable feature to avoid comparing some of yaml Object using recursion.
- Extracted Sap Hana database metadata and Query Logging information.
- Designed and implemented Bigquery Metadata Extraction, Profiling and Query Log Ingestion.
- Designed automated Test framework for Profiling.
- Designed and implemented Show Tables API for Data Catalog.
- Extracted SAS Metadata.

Project is part of development of Integrated IDE for running SQLs, Sharing SQLs among peers where support to different databases are already live and some are in pipeline.

Technologies:- Core Java, JDBC, Databases, Yaml, Json RPC.

**DB1 IT India Private Limited/Designation : Software Developer**



**Worked on various business requirements of various Products of DB1 Informatica, Maringa, Brazil listed below.**

- **Hectus** : - Agri business Management Product. HECTUS was developed by to provide an exclusive, world class agri - management solution for farmers. HECTUS works to control production costs and processes using data analysis, thereby maximizing profitability and keeping you informed of the current activities on your farms. It Consists of Livestock Management, Weather, Offline Data Collection ,Cost Accounting ,Farmer Portal ,Stock and Cost Management and Financial Management.
- **Observatorio Social** : - Bidding and mortgage Information Management System
- **Ponto** :- Internal Time logging and monitoring system for employees of all departments in DB1.
- **Edig Express** :- The EDIG EXPRESS was created to make life easier for micro enterprises that have become obligated to issue the Electronic Invoice (NF-e) Knowledge of Electronic Transport (CT-e) Case Lot E (CL-e), Electronic Letter of Correction (CC-e) Fiscal Digital Bookkeeping (EFD) Digital Tax and Bookkeeping PIS / COFINS (EFD - PIS / COFINS). The system generates files SPED PIS / COFINS and TAX to meet the obligation of companies to simply and quickly.
- **Financial Management** :- It is project which is used as module in Hectus as well as Edig. More easily manage account payables and receivables. Monitor and control your daily cash balance. Manually or automatically reconcile your accounts. Issue receipts immediately. Set up a custom management report to make assertive decisions. Determine the exact cash flow of your business. Save work and ensures automatic integration with other systems. Create a chart of accounts yourself and see the results the way you want to.

**Responsibilities :-**

- Developed various features of Enterprise Web product using Core Java and Spring Framework.
- Developed Report using HSSF Workbook, Servlet and Java.
- Written DAO using Hibernate and Hibernate mapping files. Written DAO using Mybatis and Mybatis Mapping files. Used QueryDSL with JPA for persistence Layer.
- Developed business logic of Enterprise Web Product using EJB ( Stateless and Stateful Session Beans ) and CDI.
- Developed Restful Web Services one using RestEasy API to fetch persistent entities and convert it into JSON using Jackson API and export it as JSON file and import JSON file and other using RestEasy API to import a JSON file and convert it into Entity Objects using Jackson API and persisting entities in database.
- Developed JUnit test cases and used mockito for creating mock objects.
- Developed a feature to integrate viewer with Observatorio Social and Hectus using HttpClient API to create a webservice Client making a post call to authenticate and receive session id and mapping session id to Flex Context Attribute. If session exists, webservice client post viewer url with session id captured during authentication post call to avoid authentication UI opening again and again during same session.
- Created Excel reports using Apache POI HSSF API.
- Created PDF reports using IText API.
- Developed a feature using Javamail to send email with attached PDF reports (stating monthly bank hours of each employee) to all selected employees on a single click.
- Used Executorservice, Java Threading and Synchronization to develop above feature.
- Worked on bug fixing and enhancements on change requests.



- Implemented Java and J2EE Design patterns like Singleton Pattern and Data Transfer Object (DTO), Data Access Object, Factory and Abstract Factory Pattern.
- Developed feature to read Excel sheet (containing Person information and its Address ,Contact and Phone information as well as Supplier(person information are used to create a supplier) Information) using HSSF or XSSF API , validate and convert information to respective entities and save them.
- Developed Ant Script to build project. Ubuntu/Centos is used, for deployment of Project.
- Coded a JDBC Script to retrieve a all BLOB Objects in table X with row primary Identifiers ,respectively , converting each HTML as String , changed HTML using Regular Expression and Pattern as well as Matcher Java Classes and updated changed HTML as BLOB using respective row primary identifier.
- Developed Rest Web Services using Jersey and tested with Jersey client.

**Educational Details:-**

B.E. in Information Technology from Mediacaps Institute of Technology and Management, Indore, (Earlier under Rajiv Gandhi Technical University, now Mediacaps University, Indore)

M.S. in Medical Software from Manipal Centre for Information Sciences ,Manipal University with a CGPA of 8.42 in 2011.

**MS Internship:-**

Vmware India Pvt Ltd / Designation : Quality Assurance Intern / July 2010 – July 2011.

**Internship Project:-**

Basic Acceptance Test Load with STAF Commands: -

Languages Used: XQL, Python,XML 1.0

Tool Used: STAF , STAX

Commands for registering and unregistering provider. Commands for creating doc feed , updating doc feed and deleting doc feed.

Programmed a Basic Acceptance Test Load for Inventory operations on Vmware Virtualcenter using XML with embedded python code for scripting. Inventory operations include getting for query and return query from xql (XML QUERY LANGUAGE) files and execute it against VC, getting required parameters from it. Script take care of registering providers creating doc feed ,updating doc feed and



deleting doc feed, then unregistering providers in an haphazard fashion manner. Exactly, executing 3000 operations on VC per hour.



## CURRICULUM VITAE

BINDU GOWRI GUBBALA

### Summary:

- Having 5+ years of experience in Software testing with Manual and Automation.
- Experienced in Manual testing ,Mobile testing,Web service testing and automation testing.
- Well acquainted with Software Development Life Cycle (SDLC) and Software Test Life Cycle (STLC).
- Skilled in understanding Functional requirement Document and Writing Test Scenarios.
- Knowledge in Designing and Reviewing Test Cases.
- Knowledge in executing Test Cases.
- Experience in Functionality Testing, Regression Testing, Compatibility Testing, Smoke testing and Sanity testing.
- Hands on Experience in web service functional using SOAP UI .
- Knowledge on Performance testing using JMeter
- Knowledge on Appium.
- Involved in development of Page Object Model using TestNG.
- Hands on Experience in developing Automation test scripts using selenium web-driver and Appium for Web and Mobile base applications with POM.
- Has excellent and effective on-site / offshore co-ordination where applicable in projects
- Experience working on Defect Management Tool – Jira , Bugzilla , Bitbucket and Bug life cycle.
- Interacting with Developers for assisting them in Simulation of Defects and other team members to ensure high quality software.
- Interacted with the Business Users and the Client to test according to the requirements.
- Ability to handle multiple tasks and work independently as well in a team.
- Well-versed in working on repository like Git hub

### Career Experience :

- Working as a Sr QA Engineer in Beehyv software solution pvt ltd from 1st May 2013 to till Date.

### Professional Skill Set:

- **Programming languages:** Core Java , Python 2.7
- **Testing Tools:** Selenium Web Driver , SOAPUI,Appium,SauceLabs,BrowserStack,JMeter,Github
- **Test Automation Framework :** TestNG & POM
- **Database:** MySQL
- **Defect Management Tools:** JIRA, Bugzilla, Bit Bucket,Mantis BT
- **Test Management Tool:** QC 10.0
- **Operating Systems Known:** Microsoft Windows7,8,10, XP

### Projects Worked

## Project 1:

Project Title	Alation
Role	Automation Testing
Browsers Used	Mozilla Firefox,Google Chrome,Internet Explorer
Tools Used	Jira,Selenium Web-driver,Jenkins,Github,Python2.7

**Description :** Alation is the data catalog built for collaboration. With Alation, analysts can search, query and collaborate on their data to achieve faster, more accurate insights. Alation's catalog is generated and updated using machine learning and improved through human collaboration between analysts, stewards, experts and business users.

### Roles and Responsibilities:

- Gaining awareness of test requirements.
- Participating in Automation Testing
- Performed UI automation testing with Web Driver using Python.
- Prepared TestScripts for all browsers (Firefox,Chrome and IE)
- Participated in Daily scrum meetings
- Participated in weekly sprint meeting with team and communicating with onsite team.
- Preformed regression testing on master,Production and Private builds.
- Prepared Test Report templates for the Analysis report.
- Isolate problems, report and close bugs.
- Executed tests and evaluated test results.
- Maintenance of UI scripts as per the new changes.
- Leading QA Off-Shore team for couple of months.
- Involved in Peer reviews for test cases
- Conducted knowledge share sessions for all the team members in understanding the functionality

## Project 2:

Project Title	Hotel Trader
Role	Testing
Browsers Used	Mozilla Firefox,Google Chrome,Safari,Internet Explorer
Testing Tools	Jira,SoapUi,PostMan

**Description :** Hotel trader is a new market place to buy and sell hotel reservations. When plans changes travelers can sell their reservations less than the original cost and its a place to search for the hottest deals and make best offer and set alerts to know when the price drops on the hotel or destination.

### Roles and Responsibilities:

- Gaining awareness of test requirements.
- Handling critical workflow through payment gateway involving Credit card & Paypal.



- Implement testing task, isolate problems, report and close bugs
- Draft test status reports and escalation issues.
- Created test cases
- Executed test cases and analyzing the results
- Observed new builds and conducted sanity and Regression tests
- Tested application in three environments.
- Participated in daily calls.
- Worked on SoapUI tool creating REST service test scripts.
- Using SoapUI validate the response gets from all the 3<sup>rd</sup> parties.

### Project 3:

Project Title	ThinkClear
Role	Testing
OS	iOS
Testing Tools	Appium,Saucelabs,TestNG

**Description:** ThinkClear is a mobile app for Volunteering, It allows you to search and sign up for volunteer events in your area, track and log volunteer hours on the go, and see and manage your volunteer schedule. Volunteering benefits your community and the lives of others

### Roles and Responsibilities:

- Gaining awareness of test requirements.
- Conducted sanity and Regression tests on new ipa and escalation issues.
- Experience in Developing,Modifying and Executing scripts.
- Involved in Fixing the Appium scripts
- Documenting and reporting bugs which were occurred while executing automated scripts.
- Tested application in different environments.
- participated in daily status calls with client.

### Other Projects

Worked on other projects like Gro Intelligence,Aptara(Regex), UV Labs,Beesheets,Super planner,Domain services,Finstop,Kustommade,Ellipses,IMICconnect,Casaboats, Balloon,Trupik

### Certification:

- ISTQB Foundation level certified Tester

### Academic Profile:

- 1 Bachelor of Technology (Computer Science and Engineering) from DRK College of Engineering and Technology (J.N.T.U University) in 2011.

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HARITHA REDDY

## EDUCATION

B.Tech (Hons) Aerospace Engineering 2000-04	IIT Kharagpur, Kharagpur	7.94
Minor in Mathematics and Computing 2000-04	IIT Kharagpur, Kharagpur	7.5

## ORGANIZATIONS

Beehyv Software Solutions Private Limited	Architect	Sep-2007 till date
Headstrong Services Private Limited	Senior Associate	Aug-2006 to Sep-2007
Tata Consultancy Services Private Limited	Systems Engineer	Jul-2004 to Aug-2006

## SUMMARY

Being the first employee to join BeeHyv, played a key role in all aspects of the growth of the organization to the current strength of 100 people.

Have worked in multiple projects in NLP, Machine Learning

Till date, am involved in hands-on coding in developing critical components of the applications and during prototyping in Java, JEE and Objective-C.

Play a key role in Organizational learning by identifying new knowledge relevant to the organization, creating the knowledge, planning and taking the sessions.

Learnt new languages/technologies, created prototypes and implemented projects using new languages/technologies. [Ex:IOS App development ,NLP, Machine Learning]

Involved in writing proposals, estimating and planning, leading, managing, developing, testing, deploying applications across programming languages.

Though my main expertise is in Java, JEE and in building end to end JEE/mobile applications, have developed/reviewed code in Python/PHP/C++/C#.

Work on varied tasks like customizing JIRA workflows, using Sketch for UI design changes, Appium automation testing when needed.

## SKILLS

Organizational learning	Development
Project Management	Machine Learning/NLP
Deployment	

## WORK EXPERIENCE

Beehyv	NSP	Mar'18 till date
National wide System to send SMS and IVR reminders regarding vaccinations to pregnant mother and new-born children and training to FLW workers. Am a technical architect for the project. This is a JEE scalable system built on Motech platform and uses Active MQ, Mysql Database.		

- Beehyv DocuMunch Nov'16 to Apr'17**  
In-house product to create structured information from .doc, .docx .pdf and HTML formats. We are using latest scientific papers and inbuilt algorithms (using NLP/other hueristics) to extract information present in various formats into tables/sections/lists hierarchically. We are using Nutch to extract data across millions of pages and are storing it into Elastic Search.
- Beehyv Holmes Dec'15 to Apr'17**  
In-house product to answer questions available in textual formats. We are using Word2vec, SyntaxNet, Senserelate among other NLP libraries during the Question processing. We are using Deep Learning (CNN) to match question to the answer among other criteria. We are using Programmable Search framework to extemd the solution across various domains. We are working with Prof. Ganesh from IIT Mumbai for the product.
- Beehyv Chat Recommender (IMI Mobile) Oct'16 to Nov'16**  
An application to recommend auto-response in a chat application. Using existing training data, we have trained a ML model using scikit-learn to recommend response.
- Beehyv Nectar Oct'15 to Nov'15**  
Compared existing open source ML and NLP frameworks in Java and Python, created a text classifier using Apache Spark and Open NLP libraries. The UI is developed using Angular JS framework.
- Beehyv Mobile App development (6m) Mar'13 to Nov'15**  
Designed and developed IOS Applications in Objective C, involved in reviewing projects implemented in Swift [BIA for "WeAreHolidays", Quiz prototype for "Edutor", Mohcare for "Mohcare"].Designed and developed cross platform mobile applications for Android and IOS using Xamarin Studio in .NET. SiteEvaluator project involved taking 1000 screenshots per second and sending it to the server. [Site Evaluator for "ChangeSciences", IndianTerrain for "Trupik"]
- Beehyv Data analytics (Swym) Aug'15 to Oct'15**  
After comparing Azure ML and Amazon ML, created a machine learning model in Amazon ML to predict user buy/browse behaviour for the data collected from e-commerce application.
- Beehyv Biography Mining (Apollo Group) May'12 to Feb'13**  
Designed and developed an application using machine learning algorithms, NLP techniques and Graph database to analyse Biographies of students at Apollo Educational Institutions using Weka, Spring, AllegroGraph, Gephi, Protege [Also worked with ML libraries and NLP for UV Labs and Beehyv products]
- Beehyv Resume Matcher (UV Labs) May'13 to Jul'13**  
Created a tool which reads Job descriptions and splits it into Requirements, Responsibilities using Boilerpipe, Heuristics and a machine learning model. Create a annotation tool in Angular JS using which English analysts split the Requirements and Responsibilities into attributes which could be used to map them into Resumes.
- Beehyv JEE enterprise applications (4y) Nov'09 to Nov'14**  
Technical lead for the development of enterprise applications in finance, healthcare and marketing domains. Created the proposals, did the project management, lead developer and deployed the applications to cloud. They are built in Java, JEE using Spring, OSGI,Axis2, RestEasy, iBatis, Hibernate, JPA, jQuery frameworks. Worked with NoSQL databases like CouchDB and SQL databases. [ inStream Solutions for Instream wealth, Email Gateway for IMI Mobile, Motech Platform development and Implementation for Grameen Foundation].
- BeeHyv Intalio|BRE (open source) Feb'08 to Apr'09**  
Created Eclipse plugins to create/edit a Decision Table rules and a parser to compile the decision table rules to create drools rules. This was a open source project.



HARITHA REDDY

Beehyv                      C++/C# desktop applications                      Sep'07 to Feb'08  
End to end migration of FTreesXL from Python to C++ and Qt4 for BioSolveIT. Created the .msi installer and developed some of the calculators for the desktop application Betmap developed in C#.

HeadStrong                      Bank of America (1y)                      Aug'06 to Sep'07  
Worked on ELPM, Enterprise Learning Management, a web application, for Bank of America in JavaScript/JEE using Struts, Hibernate frameworks

TCS                      GE Aerospace/Pratt and Whitney (2y)                      July'04 to Jul'06  
Worked on the customization of Teamcenter Engineering (a UGS proprietary Product LifeCycle Management software) for GE Aerospace and Pratt and Whitney in TCS. As a developer coded in C,C++ for Server side customization, Core Java and Java Swing for client side customization, XSLT for Html and Pdf Report generation.

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## SUMMARY

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- More than Ten years of extensive experience in Software development.
- Extensive experience in stakeholder management and delivery management.
- Proficient in managing IT projects for Government agencies.
- Expert in SDLC, Agile methodologies and Project management.
- Good at capturing requirements, preparing technical proposals, estimation, planning and execution of Software development projects.
- Good exposure to development of web applications, mobile applications and desktop applications in multiple tech-stacks.

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## PROFESSIONAL SUMMARY

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Title	Company	Period
<b>Project Manager</b>	BeeHyv Software Solutions Pvt. Ltd.	May 2016 – Till Date
<b>Team Lead</b>	BeeHyv Software Solutions Pvt. Ltd.	May 2013 - April 2016
<b>Senior Developer</b>	BeeHyv Software Solutions Pvt. Ltd.	May 2012 - April 2013
<b>Developer</b>	BeeHyv Software Solutions Pvt. Ltd.	June 2008 - April 2012

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## CURRENT RESPONSIBILITIES

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- Technical Management of NMS, a project for Health Ministry of India, funded by BMGF. The project has 2.4 million active subscribers and 60 billion transactions.
- Track resource allocation and utilization across the organization.
- Organize fresher's recruitment and training.
- Track billing and invoices for all the projects in the organization.
- Organize sessions on on-going projects, knowledge transfer sessions and code reviews.
- Prepare or review proposals, work estimates and budgets.

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## PROJECTS

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### **NATIONAL MOTECH SYSTEM (NMS) – MOTECH UPGRADE**

Upgrade all the technologies used in the NMS backend and the MOTECH modules used by NMS modules to recent technologies.

**Major Technologies Used:** Spring, Data Nucleus, MySQL, ActiveMQ and Pentaho

**Major Stakeholders:** Ministry of Health and Family Welfare – GoI, BMGF, BBCMA, Dimagi

### **Responsibilities:**

- Prepare work estimates and budgets; and keep track of costs and budget utilization for the project

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- Prepare project plan and keep track of progress w.r.t to the project plan.
- Identify the risks, assumptions and dependencies for the upgrade of the system and come up with mitigations for the risks.
- Co-ordinate with all stakeholders to ensure that the live services on production are not impacted by the upgrade.

### **NATIONAL MOTECH SYSTEM (NMS) - SUPPORT**

An IVR based Health messaging system targeting pregnant ladies and Mothers of infant children built on MOTECH open source platform.

**Major Technologies Used:** Spring, Data Nucleus, MySQL, ActiveMQ and Pentaho

**Major Stakeholders:** Ministry of Health and Family Welfare – GoI, BMGF, BBCMA

**Recognition:** <http://digitalimpactalliance.org/beyondscale/>

#### **Responsibilities:**

- Prepare budgets and keep track of costs and budget utilization.
- Engage and collaborate with both technical and non-technical stake holders at necessary levels.
- Prepare design documents for tasks and enhancements, review estimates shared by the team and present them to the customer.
- Recruit team in remote location to enable support processes on-site.
- Capture new data analysis and reporting requirements and review the reports prepared by the team before sharing with appropriate stake holders.
- Review the daily activities and operational tasks and keep improving the system.

### **WASH ACADEMY**

An IVR based course for the sanitation workers on sanitation and communication.

**Major Technologies Used:** Spring, Data Nucleus, MySQL, ActiveMQ and Pentaho

**Major Stakeholders:** Ministry of Drinking Water and Sanitation – GoI, BMGF, BBCMA

#### **Responsibilities:**

- Prepare Scope of work, budgets and SRS documents for development and support for MOTECH based backend for the program.
- Engage and collaborate with both technical and non-technical stake holders at necessary levels.
- Prepare design documents for integration with NIC database.
- Project management for the development phase and share regular progress reports to the customer.

### **MEDPLUS LENS**

A web portal for MedPlus India to sell their eyewear products.

**Major Technologies Used:** Spring, Bootstrap and JQuery



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**Responsibilities:**

- Prepare milestones for project delivery and payment cycles.
- Engage UI and UX designer to generate responsive screen designs and assets.
- Capture customer requirements and convert them into technical tasks.
- Ensure smooth co-ordination between development and testing team.
- Demo the progress to the customer onsite, capture feedback and push back on scope-creeps.
- Ensure smooth transition of project and code base to the customer as part of project closure.

**MOTECH SUPPORT**

Production support and development for multiple implementation products built on open source Motech platform

**Major Technologies Used:** Spring, Data Nucleus, ActiveMQ and MySql

**Responsibilities:**

- Project management for the L1, L2 and L3 team in the project.
- Prioritize and allocate work keeping the customer in the loop.
- Keep track of SLAs of our support team and any issues escalated to the data centre.
- Prepare Roster plan and time sheets on a monthly basis.
- Engage corresponding stake holder for each implementation of Motech.

**CUSTOMFURNISH**

A section in the web portal for end users to design their custom modular Kitchen and submit the order was built.

**Major Technologies Used:** Django, Foundation, KineticJS and MySql

**Responsibilities:**

- Capture functional specifications, convert them into User Stories and share estimates and timelines with the customer.
- Engage UI and UX designer to generate screen designs and assets.
- Design the database schema and models.
- Write pseudo-code for specific UI functionalities and price calculation algorithm.
- Present demos for each milestone, capture feedback and provide organize knowledge transfer to customers' development team at the end of the project.

**TRUPIK**

Mobile based virtual trial-room and clothing shop.

**Major Technologies Used:** Boto, AWS, Android, Kinect and .Net

**Responsibilities:**

- Develop a windows installer (.msi) package for distributing the customers User Registration tool built on .Net.
- Develop the android trial-room application's first version using Xamarin.



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- Develop an algorithm to spawn AWS spot-instances on need basis to generate registered users virtual body profile.

### **FINSTOP**

Web based financial analysis and reporting tool built targeting the Analysts.

**Major Technologies Used:** Django, Bootstrap and MySql

#### **Responsibilities:**

- Capture requirements, prepare milestones, allocate work and lead the development team.
- Explore multiple responsive User Interface designs along with the designer and the customer as an iterative process and improvise on the web application look and feel.
- Design extensible application and database architecture to support custom formulae, charts, tables and reports.
- Design a generic data-ingestion module that would support the extensibility of the database.
- Give regular demos for each milestone, provide estimates for further phases of development and hand-over the code base and design assets at the end of the project.

### **CREDERITY**

A web portal for Identity Verification targeting Indian corporate employees.

**Major Technologies Used:** ASP.Net Web Forms and Sql Server

#### **Responsibilities:**

- Prepare Technical architecture document, list out all use cases and co-ordinate with UI Designer to come up with screen designs.
- Train the development team on ASP.Net Web Forms.
- Design the database schema and create the models.
- Ensure the completion of the project as per timelines.

### **BALLOON**

An online market place that brings Professionals, Certification Courses and Recruiters together targeting the USA market space.

**Major Technologies Used:** Django, Django-Rest-framework, Flask and AWS

#### **Responsibilities:**

- Lead and Scrum master for backend team.
- Develop base models and APIs to support custom requirements and exception handling in Django.
- Develop RESTful APIs extending custom base classes in Django-Rest-Framework.
- Implement Social integration with LinkedIn that would import all courses and certifications and stores in our database.
- Takeover the data ingestion code-base and ensure smooth launch of the product.
- Re-develop whole backend and services using Flask.

### **APTARA**



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Build work allocation and tracking tool for Aptara Inc., a digital content development firm.

**Major Technologies Used:** ASP.NET MVC, ASP.NET Web API, Bootstrap, .Net Framework and Sql Server.

**Responsibilities:**

- Lead development team and build a web based work allocation and tracking tool for internal usage using ASP.NET MVC and Web API.
- Build an algorithm to mark cells, columns and rows in regions marked as tables in PDF files using C# libraries.
- Represent the company onsite for 3 months.

**NODALITY**

Build a lab management system for Cancer research firm based out of USA.

**Major Technologies Used:** .Net Windows forms, Dev Express and Sql Server

**Responsibilities:**

- Lead a development team and develop desktop based application that would enable scientists and lab assistants design experiments and track inventory.
- Ensure that the team follows Scrum methodology.

**CAPITAL CUBE**

A web based analysis and reporting tool targeting Stock Market Analysts.

**Major Technologies Used:** PHP Zend Framework, XSLT and OpenXML.

**Responsibilities:**

- Build a reporting service that would generate PDF, Word and PPT reports from XML data using XSLT, XSL-FO and OpenXML.
- Analyze performance benchmarks for APIs built on Zend Framework.

**BETMAP**

Desktop based Betting portfolio management system.

**Major Technologies Used:** .Net Windows Forms, Infragistics and Sql Server.

**Responsibilities:**

- Develop features and screens in desktop based application.
- Develop the redistributable installer for the application and include registration workflow as part of installer.
- Benchmark and improve performance and memory of the application.



K Sai Rahul

Degree	School	Year	Score
<b>B.Tech</b>	Indian Institute of Technology, Madras	2008	6.84
<b>XII Standard</b>	Ratna Junior College, AP Board	2003	89.8 %
<b>X Standard</b>	Atomic Energy Central School - III, CBSE	2001	80.8 %

## PROFESSIONAL SUMMARY

Title	Company	Location	Period
Developer	Beehyv Software Solutions	Hyderabad	June, 2014-present

## CAREER SUMMARY

- Good knowledge of Database (Mysql, Postgres).
- Strong understanding of Objected Oriented Programming concepts (OOPS).
- Good understanding of Pentaho report designing
- Proficient in picking up new technologies and programming languages.
- Strong interpersonal and communication skills.

## KEY PROJECTS

- ◆ **National Motech System (NMS)** - A system written on top of the MoTech Platform which works with the pregnant mothers and in training ASHA workers.

Key Technologies – Java, Spring, Hibernate, Mysql, Pentaho, Talend

- ◆ **Kilkari:**

Helping pregnant mothers and their new born children by weekly calls.

- ◆ Worked on implementing of Locations web service in RCH import from NIC
- ◆ Restricted ACTIVE subscriptions for a unique MSISDNS (Contact numbers) to be 1 at a time.
- ◆ Reactivations of subscriptions which have been manually deactivated from the system.
- ◆ Wrote an ops api to deactivate subscribers who havent been listening to the calls at all, or have low listenership.
- ◆ Created rejection tables to report the reasons why subscriptions get rejected.

- ◆ **Mobile Academy:**

Training of ASHA workers to upgrade their skills by ivr based calls.

- ◆ Worked on making the bookmarks, call activities and completion records completely on the basis of the internal ids assigned to the ASHA workers
- ◆ Added the job status of ASHA workers to keep track whether she has resigned or not and integrating it into the system for unique identification.
- ◆ Created a new completion table to keep track of every completion taking place.
- ◆ Stopping of anonymous callers into the system
- ◆ CSV import of asha workers and a runnable jar to facilitate this.

- ◆ **Reporting:**

- Created new Reporting database for all the Kilkari and Mobile Academy reports
- ◆ Used Talend to write ETLs for daily as well as weekly data import from production database to reporting database.

- ◆ **Pentaho**

Report download and viewing application.

- ◆ Created drill downs from states to districts to talukas in the downloadable and other reports.
- ◆ Worked on LDAP for user management in the pentaho application.
- ◆ Made the reports on the lines of Pie charts, bar charts.



Vishnu Vimal (Developer)

- **Reference Db**

A database for all the records from each state, based on districts, talukas, blocks  
Key Technologies – Java, Spring, Hibernate, Postgresql, javascript

- ◆ Made the databases of Motech and refdb match by removing the extra records in the refdb.
- ◆ Removing duplicate NOT\_VERIFIED locations in RefDb
- ◆ Adding refdb upload enhancement to make the whole data upload visible on the UI and redirect from one page to another.

## EDUCATION

Degree/Examination	Institute	Graduation Year	Performance
B.E. (Hons.)	BITS PILANI Hyderabad Campus	2014	7.16/10
Class XII,CBSE	Sri Chaitanya Junior College, Gudavalli	2010	92.6%
Class X,CBSE	Gowtham Concept School, Gudiwada	2008	88%

## HOBBIES

- |   |
|---|
| <ul style="list-style-type: none"><li><input type="checkbox"/> Theatre actor.</li><li><input type="checkbox"/> Bharatnatyam dancer and a singer</li><li><input type="checkbox"/> Play Cricket, Badminton and Table Tennis</li></ul> |
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