

## OBJECTIVE

Creative Senior Software Engineer offering more than 4 years' experience. Enthusiastic about developing forward-thinking solutions to tomorrow's productivity problems. Resourceful and adaptable approach to challenges.

## SKILLS

- Strong understanding of Javascript(**ES6**)
- Strong understanding of **NPM** and modular application development skills building
- Experience in Building **Scalable applications** and **Microservices**
- Proficiency in **express, PM2, npm, seneca, gRPC & NodeJS core modules**
- Hands on experience in **OAuth** implementation with **passportJS**
- Experience in **RESTful API** design and development
- Capable of writing Queries, Stored Procedures, Functions and Triggers in **Relational Databases** such as **MYSQL & ORACLE**
- Hands on experience in **In Memory Database Redis**
- Hands on experience in Message Broker-**RabbitMQ(Publisher & Subscriber model)**
- Hands on experience using open source tools such as Cyclos & Mifos
- Version Controlling tool - **GIT**
- Basics of Shell Scripting
- Hands on experience in **Jmeter** to perform Load Testing
- Web application development using **HTML, CSS, jQuery, AJAX, Bootstrap**

## EXPERIENCE

### **Integra Micro Systems, Bengaluru – Senior Software Engineer**

August 2016 – PRESENT

#### **Project : Bill Payment System (BBPS, ePDS & iPAY)**

**Description :** Bill Payment System is a collection of services which enable a customer to pay their utility bills using multiple channels provided by NPCI through Bank's BC(Business Correspondent) Channels.

**Clients :** Public sector Banks, EPDS Vendors

**Technology Used :** NodeJS, express, MYSQL/Oracle, Redis, RabbitMQ, Bootstrap, HTML5 & jQuery

**Project Name :** **BBPS(Bharat Bill Payment System)**

**Description :** It enables customers in the Rural places to pay utility bills(Electricity, DTH, Water, Mobile recharges etc..) via BC's.

**Role : Software Developer**

- Involved in designing BBPS service to integrate with multiple BBPOU(BBP Operating Unit) as per the bank requirement
- Involved in designing stateless and scalable service using In-memory database(Redis)
- Worked in making common API's by abstracting BBPOU changes to clients
- Collaborated with team members to create application system analysis based on client's requirements.
- Provided RESTful API's to multiple client(Web, Android & Linux) to integrate with service
- Involved in Database design for storing Bill payment data to generate reports based on the customer needs

**Project Name : ePDS(electronic Public Distribution System)**

**Description :** It enables customers to pay for the rations which they purchased from the PDS Shops digitally using their AADHAAR/VID linked to the bank accounts.

**Role : Software Developer**

- Involved in designing ePDS service to integrate with NIC(National Informatics Center) and multiple FIG's(Financial Inclusion Gateway) in banks.
- Worked on protecting customer sensitive data(Eg: Aadhaar/VID) by Encryption and masking
- Worked on handling timeouts while connecting multiple hops(FIG & NIC)
- Involved in designing stateless and scalable service using In-memory database(Redis)
- Collaborated with team members to create application system analysis based on client's requirements.
- Provided RESTful API's to multiple client(Web, Android & Linux) to integrate with service
- Involved in Database design for storing Bill payment data to generate reports based on the customer needs

**Project Name : iPAY(integra Pay)**

**Description :** It is a payment service which enables customers to pay using their AADHAAR/VID linked to the bank accounts.

**Role : Software Developer**

- Involved in designing iPAY service to integrate with FIG's(Financial Inclusion Gateway) in banks.
- Worked on protecting customer sensitive data(Eg: Aadhaar/VID) by Encryption and masking

**Project : Financial Inclusion System (FIS)**

**Description :** FIS is a system of services which allows the unbanked people into the financial(Banking) system Bank's BC(Business Correspondent) Channels. Business Correspondents are the bank agents who carry out Financial transactions(AEPS & Card based) in the rural areas on behalf of banks using MicroATM.

**Clients** : Public sector Banks

**Technology Used** : NodeJS, express, gRPC, cyclos, MYSQL/Oracle, Redis, RabbitMQ, Bootstrap, HTML5 & jQuery

**Role** : **Software Developer**

- Worked on integrating with multiple FIG's(Financial Inclusion Gateway) in banks.
- Worked on encrypting and encoding Customer demographic data according to NPCI(AEPS), ATM Switch(Card based) and FIG's
- Worked on integrating with multiple services(Txn Limit & Agent Wallet) to carry out transactions
- Worked on Integrating with Cyclos wallet system
- Worked on handling timeout cases and reconciling transactions
- Worked on collecting Metrics related to service as well as transactions

### **Project : PMSVANidhi (PM Street Vendor's AtmaNirbhar Nidhi)**

**Description** : The PM SVANidhi scheme was launched by the Ministry of Housing and Urban Affairs. It aims to provide affordable working capital loans to street vendors to resume their livelihoods that have been affected due to the coronavirus lockdown.

**Clients** : Public sector Banks, MFIs(Micro Finance Institutions)

**Technology Used** : NodeJS, seneca, express, MIFOS, MYSQL/Oracle, Redis, RabbitMQ, Bootstrap, HTML5 & jQuery

**Role** : **Software Developer**

- Worked in Designing the application to Interact with SIDBI(Implementer of PMSVANidhi) and Bank LMS(Loan Management system)
- Worked on designing and implementing credit rating engine to rate loan applications
- Worked on mifos to implement Loan Life Cycle Management
- Worked on to Integrate with Banks Aadhaar vaults to tokenize Aadhaar

## **EDUCATION**

**PES Institute of Technology & Management, Shivamogga – 66.70**

## **ADDITIONAL INFORMATION**

**Current Address** : #125(Sahyadri Nilaya), 1st cross, C-sector, Amruthnagar, Bangalore - 560092.

**Permanent Address** : Ullas T E s/o T C Eshwararadhya, Teerthapura(At Post), C.N.Halli(Tq), Tumkur(Dist)-572214

**Languages Known** : Kannada, Hindi, English