BALA SUBRAMANIAN

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Hands-on, successful Software Engineer with years of verifiable success in delivering appropriate technology solutions for web, desktop, and mobile products. Comprehensive knowledge of platform development, enterprise architecture, and web-based applications. Innovative change agent with a unique mix of high-level technology direction and deep technical expertise.

employment history

Zoho Corporation   Chennai, Tamil Nadu
Full stack Developer   May 2015 - Present

- Worked in Zoho Transaction eMail Product: in DNS Records, E-mail Header, Bounce Mail Parser and exposed some feature as API Utils to other teams.
- Implemented REST API for the new UI of the product.
- **Implemented the EmberJS framework** in the Zoho Transaction Mail Product.
- **Made our own client library, which is an alternative to MVC framework** for our product and transfers the knowledge to the team.
- Currently working as Software Developer for one of its well-established product, Zoho CRM.
- As a responsible person for the features did enhancement as per the requirements and worked in scalability.
- Worked closely with other team members to plan, design and enhance various existing features like customer support integration, GDPR related things for Zoho CRM product.
- Coordinating with Support Executives for understanding Customer problems and User Experience.
- Mentoring junior developers in the team and responsible for assigning tasks, reviewing their code and guide them.
- **Implemented MVC framework - Routing engine in Zoho CRM product.**
- Worked and written utility wrappers which handle SQL queries as part of GDPR policy.
- **Developing a new feature (Owner Restriction) in the CRM product.**

education

Easwari Enginnering College, Chennai   Graduated
B.Tech, Information Technology (2014)

- Microsoft Student Partner

Bhaktavatsalam Polytechnic.   Graduated
Diploma in Computer Technology (2010)

St.Philomena's High School,Coimbatore.   Graduated
SSLC (2008)

professional skills

Skill	Rating
Java	★★★★☆
C#	★★★★☆
RESTAPI	★★★★☆
Javascript, JQuery	★★★★☆
EmberJS	★★★★☆
AngularJS	★★★☆☆

Lyte - Client MVC ★★★★☆
Python ★★☆☆☆

notable projects

Implemented EmberJS in the Product & Other Work:

For Zoho Transmail Product - New UI, We implemented the EmberJS and we studied and convey the things to other developers. To support the Client MVC framework, we implemented REST API in Server using the Jersey framework. This application will help to send the mail without any delay. And track it's sent & bounce mail and Open & Click count of the mail and the link with help of the webhooks & Kafka services.

Developed Using

- Environment- Java, Apache Struts 2, Jersey framework, Javascript, jQuery, EmberJS
- Database - MySQL , Postgresql 9.4
- Team Size - 4

Responsibilities:

- Implemented the EmberJS in the product and done knowledge transfer to the Team member.
- Created our Java method API to other teams, which used to parse the Bounce mail and report it.
- Implemented REST API to make data communication (server-client) easier.

Implemented Own Client Library for the Product:

Due to some issues & our convenient, we moved the Client MVC framework EmberJS to our own client library. We have used HandlebarJs, SammyJS & created our own library (kind of framework), an alternative to the client MVC. Successfully moved complete product to our own client library.

Developed Using

- Environment - Javascript, jQuery, HandlebarJs, SammyJS router & Promise.
- Team Size - 4

Responsibilities:

- Implemented the own library in the product and done knowledge transfer to the Team member.
- Maintain the library which should work in various cases.

Worked in Implementing GDPR in Zoho CRM Product:

General Data Protection Regulation (GDPR) is a new set of rules designed to provide EU residents control over how their personal data can be used by companies across the globe. At its core, these rules aim to protect the data of its EU residents. CRM tracks all the consents which is received from the customer. Based on it, All other Sync & data transfer will handle.

Developed Using

- Environment - Java, Apache Struts 2, Javascript, jQuery & Lyte (client MCV)
- Database - MySQL , Postgresql 9.4
- Team Size - 20+

<u>Responsibilities:</u>

- Implemented Java API wrapper method, which will check the data is protected, and restrict the protected data, while sharing.
- Coordinate with various developers & product managers, about the customer data maintenance to arrive the cases and implemented it in the wrapper method.
- Implemented the tracking and maintaining the data source of the records, which is one of the important things in GDPR.

hobby projects:

- Learn HTML – Windows Phone App & Windows 8 App.
- Boat – Windows Phone App.
- Learn CSS – Windows Phone App.
- HTML Editor – Winform App (Using VB.NET).
- Silks and Sarees Shop Management – Winform App (C#).