Ananth Cuddalore Arulnambi

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SUMMARY

- A **java developer** with 6.5 years of experience in developing several Java/J2EE based web applications.
- Experience in designing & developing several complex multi-threaded java based web applications. Worked in functional requirements such as framework/api development, chat routing, reporting, admin – related functionalities, dashboard and several non – functional requirements such as clustering, load balancing, and failover in multi-threaded Java based applications.
- Excellent analytical, design, programming, troubleshooting and problem solving abilities.
- Strong organizational, interpersonal and technical skills.

TECHNICAL SKILLS

Language: Java, JavaScript, PL/SQL	**Frameworks:** Spring, AngularJS, jQuery, JPA, Hibernate, JSP, JSF, Hazelcast	**Database:** Oracle, MySQL, SQL server, MongoDB, Cassandra
Operating System: Windows, UNIX, Mac OS	**Web Technology:** Servlets, REST, XMPP, AJAX, SOAP, HTML, JSON	**Others:** Spring boot, Maven, JMeter, Apache Tomcat, Apache HTTP server, Fiddler

EXPERIENCE

➢ **Software Development Engineer II**   **Oct 2016 – Present**
Sears Holdings Corporation, Hoffman Estates, IL

Order Validation System   *(Oct 2016 – Present)*
Unit: OMS

- Lead a team of 3 developers.
- Conceptualized, designed and developed a services automation testing framework. The API was hosted as a micro service on Spring boot. This framework would save the input request template and the data set in the form of a JSON schema and test cases. A payload generator would generate all possible payloads for the schema for different custom attribute types using an algorithm based on the cartesian product. The test cases would comprise of rules which can be processed by a custom made rule engine. The rule engine also has capabilities to call back java classes, data in DB and also to call external apis in order to validate the rule. The data for the framework is stored on a mongoDB. The framework had capability to connect to varied types of databases for the target system.
- Conceptualized, designed and developed a module called the Order generator. It is used to generate orders based on the given instructions for different fulfillments and payment types. The module creates the payloads dynamically by using the orders placed earlier. The module would strip the payloads apart and save in them in parts. These components are later picked up by the service whenever an order type with a

particular payment is requested for. This reduces the dependency to change the payload whenever there is a change in the original system.

- Design and development of tools, utilities and web applications for the application to validate the orders being placed.

➢ **Programmer Analyst**   **May 2016 – Sep 2016**
   Kaizen Technologies Limited, Edison, NJ

   Derivatives Access Portal, Wells Fargo   *(June 2016 – Sep 2016)*
   Unit: Wells Fargo Securities

- Designed and developed an interface application which would help pass the data from back office to the derivatives management application. This interface application consisted of several web services which pass on the trade and payments data from the back office to the portal.
- Migrated several composite web services to java.

➢ **Product Integration Engineer**   **Aug 2015 – April 2016**
   Edgeverve Systems Limited, Chennai, India

   SmartChat, AT&T   *(Aug 2015 – April 2016)*
   Unit: Products and Platforms Unit

- Created performance test scripts which helped in identifying a memory leak which was causing a critical issue in production environment. I was awarded Infosys performance award for this activity.
- Designed and developed a dashboard to provide the users a snapshot of the chat details at any point of time - **Lead a team of 3 developers**
- Designed and developed chat functionalities such as group chat and forward chat.
- Fixing issues in a chat application for iPhone devices.

➢ **Senior Systems Engineer**   **Nov 2011 – July 2015**
   Infosys Limited

   SmartChat, AT&T   *(2013 – July 2015)*
   Unit: ECSPPS (Entertainment, Communication and Services – Product Platform and Services)

- Designed and developed a portlet for on-field agents to raise chats to SMEs (Subject Matter Experts) - **Lead a team of 3 developers**
- Designed and developed several chat components for chat routing
- Designed and developed a reporting module known as Chat History
- Designed and developed web application for admin related functionalities in SmartChat - **Lead a team of 5 developers**
- Designed and developed performance testing tool and created scripts for performance testing
- Designed and implemented performance enhancements such as clustering, load balancing and failover

ReTem – Real Time Expertise Manager, Infosys product   *(2011 – 2013)*
Unit: PRD (Product Research & Development)

- Designed and developed the core components for the backend XMPP server called IMPS (Infosys messaging and presence server).
- Designed and developed modules such as chat routing, group chat, forward chat, cancel chat, idle timeout.
- Designed and developed performance enhancements such as clustering, load balancing and failover.
- Knowledge management anchor of the project.
- Designed the code such that it could be used as an API for future customizations.

EDUCATION

Birla Institute of Technology & Science, **Pilani, India –** *Master of Science in Software Systems*

Anna University, Chennai, India – *Bachelors in Mechanical Engineering*

AWARDS & ACHIEVEMENTS

- Winner of Excellence award for performance in Q1 for the year 2015-2016
- Winner of Bravo award for performance in Q2 for the year 2013-2014
- Topped my training batch in Infosys with a CGPA of 4.69/5
- Microsoft specialist: Programming in HTML5, JavaScript and CSS3
- Star Certified Infoscion – Leadership skills and soft skills