**Chandra Pamuluri (Java/J2EE, Cloud and Big Data)**

chandra82p@gmail.com 612-598-6605. San Francisco, CA. [www.linkedin.com/in/creddyp/](http://www.linkedin.com/in/creddyp/)

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* Over **14 years of experience** in software engineering and craftsmanship. Highly productive, result oriented and opinionated engineer. Experience in Research, Design, Development and Production support of the software product and applications. Ready to take challenges and willing to learn any new technology within days and start working. Experience in Security domain, Database domain, Telecom domain, Educational Domain.
* Tech Stack: **Java, Spring, Spring Reactive, Big Data, Kubernetes, Python, Golang and J2EE, JavaScript, ES6, React.JS, jQuery, Ajax.**
* **Java/J2EE** - Experience with core java, Spring boot framework, j2ee, ORM frameworks, SQL and PL/SQL. Experience in design and implementation of RESTful web services, Spring boot/cloud/reactive.
**Big Data -** Extensive experience in Big Data with MapReduce (design patterns), Spark(RDD, Dataframes, Datasets), Kafka, Hadoop, YARN architecture, Hive/HDFS/Zookeeper and other Big Data technologies.
* **Microservices** – Experience in implementing microservices, converting monolithic application to microservices, experience in microservices design patterns: Saga pattern, CQRS, Event sourcing, API Composition, adapting Domain driven design etc. Experience in Kubernetes development and administration, in-depth knowledge in Kubernetes and Docker architecture.
* **AWS Experience -** AWS Certified Solution Architect, experience in AWS services like EC2, S3, EBS, ELB, VPC, Security Groups and IAM.
* **Python, Golang** - Experience in Python and Golang programming, writing python scripts for stress testing, experience in threading in python and Golang.
* **Databases:** Experience with RDBMS and NoSQL databases and Data Modeling. Eg: Oracle, MySql, PostgreSQL, Aster, Teradata,Couchbase, Cassandra, HBase.
* **Certifications:** AWS Certified solution architect (FCRFEXYK2FR4QGCZ), Sun certified java 1.5 developer.
* **Education: MCA(**Master of Computer Applications) from JNTU University, Hyderabad, India.

**1)Project: Global Learning Platform**

Organization: Pearson, San Francisco, CA. During: November 2019 – till date

Global Learning Platform (GLP) is a learning plant form to setup and configure courses and assessments by instructors for students. Instructors can track and evaluate each student's progress. It is a highly scalable, reliable and secure platform. and supports Pearson’s product models on a single platform through configuration settings. It is based on Domain-Driven Design, it has major domains and subdomains.
I worked on design and development of RESTful API for Assessment, Assignment and Score services.
Also worked on performance environment and production support.

**1) Project: Unity Data Mover**  During: June 2013 – November 2019

Organization: Teradata, El Segundo, CA Role: Senior Developer

Environment: Java, J2EE, Spring, BigData(Hadoop/Hive/Kafka/Spark), Microservices, AWS,Dockers, Kubernetes, Helm, Python.

The Unity Data Mover (UDM) product helps to transfer data and objects between Teradata, Aster and Hadoop systems within an analytical ecosystem. Unity Data Mover enables to define and edit jobs that copy specified database objects such as tables, users, views, macros, stored procedures, and statistics between Teradata, Aster and Hadoop systems. Unity Data Mover uses the utilities to transfer the data, utilities are Teradata ARC, Teradata TPT API, Teradata DSC, JDBC, Teradata query grid, Teradata connector for Hadoop, Teradata connector for Aster.

Teradata Listener: It is a self-service solution for ingesting high volume data streams in near real-time or batch mode. Kafka used to build real-time streaming data pipelines, Spark streaming processes the data and does manipulation using RDD, Dataframes (or Datasets) and stores it into Hive.

Worked on Design and development of data movement between Teradata and Hadoop. Worked on REST API design and implementation, Worked on to convert monolithic components to microservices, worked on k8s jobs and services, helm charts for deployment. Worked on Spark and Kafka.

**2) Project: Experience Platform**  During: Feb 2012 – June 2013

Wipro Technologies, Client: Best Buy, Minneapolis, MN Role: Senior Software Engineer

Environment: Java and BigData stack.

The Experience Platform aims to leverage the insights generated from collective customer behavior to deliver a relevant customer experience. It does user even capturing and gives recommendations to users.
Worked in all phases of the project, worked on java, mapreduce, hive and other tools.

**4) Project: Dish and EMC Analytics**  During: June 2011 - Jan 2012

Wipro Technologies, Client: Dish Networks Role: Hadoop/java Developer

Worked on a Dish Analytics project to handle unstructured data using Hadoop to get insights of the data like signals, customers, channels etc. Also worked on EMC machine analytics projects to predict EMC machine failure based on machine usage data, health data.
Tools: Hadoop, MapReduce, Pig, Hive, Sqoop, Pentaho etc.
Worked as Technical Lead for a team of four members. Worked as Hadoop/Java development lead.

**5) Product: Information Platform**  During: May 2010 – Jun 2011

Wipro Technologies, Bangalore, India. Role: Technical Lead – Java/J2EE

The Information Platform enables a strategic approach for Information Transformation by managing the information lifecycle and delivering rationalized information assets addressing areas like Data Governance, Business Data collection, Source to Target mapping, Data cleansing, Data Profiling, Data Quality, Master Data Management, Data Quality, Data Migration, Data Archival, etc.
Environment: Java, J2EE, JSP, Struts, Oracle, SQL/PLSQL, SVN.
I had been involved in a full cycle of product development, worked as technical lead for a team of four.

**6) Product: Amdocs Service Management Suite 7.0** During: March 2008 – May 2010

Amdocs, Pune - India. Client: Telstra, Australia Role: Senior Subject Matter Expert

**At Amdocs, I worked on Amdocs Service Management Suite product, which helps service providers to ease their daily activities.**
I worked on the full life cycle of product development, worked on backend java development and database related design and development.

**7) Product: Entrust - GetAccess 5.0 and Administration Service Interface**

Trianz, Bangalore. During: Oct 2006 – Feb 2008

Project: GetAccess protects web resources by providing authentication, authorization and SSO functionalities. We can create resources, users and roles.I was involved in backend java development, User interface code changes and SQL/PL SQL also database related changes.