

# Chockalingam Karuppanchetty

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<b>OBJECTIVE</b>	Seeking a competitive and challenging environment where I can learn new technologies and do innovative things to serve the organization.	
<b>EDUCATION</b>	<b>Master of Science in Computer Science,</b> University of Alabama in Huntsville, Huntsville, AL GPA: 3.9/4.0	Aug 2013 – May 2015
	<b>Bachelor in Electronics and Communication Engineering,</b> Anna University, Tamil Nadu, India. GPA: 3.7/4.0	Jul 2007 – May 2011
<b>WORK EXPERIENCE</b>	<b>Lead Software Engineer,</b> Goldman Sachs, New York	Feb 2016 – Current
	Writing automation tools using Python, SPARK to process data stored in data lake. On-boarding users to Data Lake(User Engagement and Solution Architect). Site Reliability Engineering Sybase IQ clusters, Tableau dashboards. Optimizing the CPU memory and space usage in the hadoop clusters. Splunk for log analysis. Terraform to configure resource in lake.	
	<b>Software Engineer,</b> Gramercy Tech, New York	Jun 2015 – Jan 2016
	Client: Goldman Sachs. Migration of application built using MAVEN, ANT, MAKE to Gradle. Continuous and integration builds carried out using Jenkins. Ticket management using Jira. Testing using Pytest, Unittest and Junit. SVN and CVS version-control to maintain the code repository. Confluence pages for documentation.	
	<b>Graduate Research Assistant,</b> University of Alabama in Huntsville	Aug 2013 – May 2015
	Training and implementation methodologies for anomaly-based intrusion detecting schemes. Performance Improvement on the existing algorithms. Analysis of Network performances.	
<b>SKILLS</b>	<b>Assistant System Administrator,</b> University of Alabama in Huntsville	May 2014 – May 2015
	Cloud environment setup using OpenStack. Written scripts (Perl) to automate manual work. Setting up a computer security lab. Installation of computer and networking hardware. Maintaining Computer Science Accounts of students (Windows and Linux). Involved in creating Hive Tables, loading with data and writing Hive queries which will invoke and run MapReduce jobs in the backend.	
	<b>Software Engineer,</b> HCL Technologies LTD, India	Oct 2011 – Jul 2013
	Performed DBA consultant activities, Defect Prevention Analysis, Software development using Java, C++ and creation of automated tools using REXX and Python. Worked on a POC involving, data analyzing with Hive, HBase and Pig. Loading data from UNIX file system to HDFS. Visual analytics using Tableau. Products: RC Migrator, RC Update, Citi Trading Management. Clients: Computer Associates (CA), AEGON, and Citibank.	
<b>CERTIFICATIONS</b>	70-480: Programming in HTML5 with JavaScript and CSS3 1Z0-051 Oracle Database 11g: SQL Fundamentals I	
<b>REFERENCES</b>	Provided upon request	