

## AWARDS / ACHIEVEMENTS

- Excellence Award, Cerner Q1 2017
- Leadership Development Program (DevArc), Cerner (In-progress) May 2017
- Above & Beyond Awards (3 Awards), Cerner Feb 2014, May 2017 & Sept 2017
- Client Satisfaction Ping Awards, Cerner 2014-2015
- Chairman's Award, ECE Department, GMU Apr 2013

## CERTIFICATIONS

- Data Science Graduate Certificate, Harvard University (Enrolled-Starts) Nov 2017
- Deep Learning Specialization, Coursera (In-progress) Aug 2017
- Amazon AWS Certified Solution Architect – Associate (In-progress) Aug 2017
- Eureka Certified Spark, Hadoop, R & Mahout Developer 2014-2015
- National Certification In Stock Markets (Basic), India 2007-2008

## WORK EXPERIENCE

### Software Engineer, Cerner, KS, USA

Team – *Strategy & Analytics* Oct 2015 - Present

- Built & deployed machine learning models to route support tickets (Tensorflow), predict physician whereabouts, automate root cause analysis of incidents & to predict client surveys.
- Built scalable & real-time web-apps using Node.js, Socket.io, Knockout.js, Redis saving about 9000 hrs./year.
- Built SQL Server, Kafka, Vertica, Neo4j, OracleDB, Elasticsearch based analytics complete with REST APIs.
- Built a Hadoop cluster from unused hardware & used it to perform analytics on client builds.
- Languages used – **Javascript (ES6), Python, Java, C#** (some), R, SQL
- Technologies used – Node.js, Django, ElasticSearch/Kibana, SQLServer, Vertica, Neo4j, Redis, Nginx, Web-Sockets

Team – *Nursing Integration Services* Jun 2013 – Oct 2015

- Primary point of contact for CareCompass – A Java based solution for Nursing users.
- Performed detailed RCA, coded Java packages, handled escalations 24x7 while meeting all KPI's/metrics.
- Logged Change Requests, drove technical investigations, enhancements, design changes with multiple teams.
- Languages used – **Java**, Javascript, SQL, CCL, C++, HTML/CSS, Oracle DB & query performance optimization.

**Lead Graduate Teaching Assistant**, George Mason University, VA, USA Aug 2011-May 2013

- Co-ordinated all GTA activities & maintained ABET standards. Reported to the ECE Chairman.
- Taught MATLAB for the Signals & systems course, set quizzes, graded HW & proctored exams.

**Trainee Service Supervisor**, Weatherford OTME Ltd., Mumbai, India Jul 2008 – May 2010

- Executed high value international MWD & Thru-Tubing field assignments for Major Oil field clients.
- Provided Supervision, maintenance, support & end to end field engineering services for high stake projects.
- Managed direct client engagements & field operations independently in a fast paced, high risk environment.

## TECHNICAL SKILLS

<b>Programming Languages</b>	Java, JavaScript (ES6), Python, R, Scala (Basic)
<b>Web Development</b>	Node.js, Django, Servlets, Socket.io, Knockout.js, Angular, Nginx
<b>Databases</b>	SQL Server, Oracle, Redis, Elasticsearch/Kibana, Neo4j
<b>Big Data/Data Science</b>	Hadoop, Spark, ScikitLearn, Tensorflow
<b>DevOps</b>	AWS, Docker, Vagrant, Agile

## EDUCATION

<b>Data Science Graduate Certificate</b>	Harvard University, MA, USA	(Enrolled-Starts) Nov 2017
<b>Master of Science, Computer Engineering</b>	George Mason University, VA, USA	May 2013
<b>Bachelor of Engineering</b>	Electronics & Telecom, University of Mumbai, India	May 2007