

## AWARDS & ACHIEVEMENTS

- Cerner **Excellence** Award Q1 2017
- Cerner DevArc **Leadership** Development Program 2017-2018
- Cerner **Above & Beyond** Service Recognition Award May 2017
- Cerner **Above & Beyond** Service Recognition Award Feb 2014
- Cerner **Client Satisfaction** Ping Awards 2014-2015
- GMU ECE Department **Chairman's award** Apr 2013

## WORK EXPERIENCE

### Software Engineer, Cerner, KS, USA

Team – *Strategy & Analytics*

Oct 2015 - Present

- Built **full-stack Node.js (OOP - ES6) web-apps** for Operational workflow optimization saving about **3000** hrs/yr.
- Built REST services for Kafka, Neo4j, JIRA, Vertica, MSSQL, Elasticsearch, Oracle, SOAP service integration.
- Setup team Agile Board, Crucible reviews, code style standards & Elasticsearch user tracking to track 2500 app users.
- Built a Tensorflow based model to automatically route support tickets. Improved accuracy by **17%** over existing model.
- Built a **Hadoop Cluster** from unused hardware & used it to align client builds with Cerner gold standards.
- Deployed a **model to predict physician work schedules** used to deploy coaches to client sites with **80%** success rate.
- Built an **API** based on Locality Sensitive Hashing for **stack trace analysis**. Reduced ticket turn around time by **7%**.

Team – *Nursing Integration Services*

Jun 2013 – Oct 2015

- Primary point of contact & last layer of support for CareCompass – A **Java** based solution for Nursing users.
- Performed detailed RCA, created **Java** diagnostic packages, drove issues to resolution while meeting all KPI's/metrics.
- Logged Change Requests, drove technical investigations, enhancements, design changes with multiple teams.
- Developed strong client relationships & mentored new team members. Provided 24x7 on-call support for escalations.

### Lead Graduate Teaching Assistant, George Mason University, VA, USA

Aug 2011-May 2013

- Maintained 100% compliance with ABET standards & co-ordinated all GTA activities. Reported to the ECE Chairman.
- Taught MATLAB to undergrad students for 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.
- Successfully provided Supervision, maintenance, support & end to end field engineering services for high stake projects.
- Managed work safety, direct client engagements & field operations independently in a fast paced, high risk environment.

### Application Programmer, Syntel Inc. Ltd., Mumbai, India

Jul 2007 – Jul 2008

- Wrote JCL, COBOL, DB2, C++, REXX, HLASM code on the IBM Mainframes platform for Allstate Insurance policies

## TECHNICAL SKILLS

<b>Programming Languages</b>	Java, JavaScript, Python, R
<b>Web Development</b>	Node.js, Servlets, HTML, CSS, JQuery, Bootstrap, KnockOut, D3.js, NGinx
<b>Big Data/Machine Learning/Cloud</b>	Hadoop Ecosystem ( <i>Edureka Certified</i> ), R, Scikit-Learn, Docker, AWS

## BIG-DATA/MACHINE LEARNING COURSES

- Machine Learning, Coursera/Stanford (*In-Prog.*)
- Artificial Intelligence Nanodegree**, Udacity (*In-Prog.*)
- Big data & Apache **Hadoop**, Storm, Solr, Mahout, R, Spark (*Edureka - Verifiable licenses available upon request*)

## EDUCATION

<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

## PUBLICATIONS/CITATIONS

- [Implementation of Secure Distributed Storage System](#), Cited by a [US Dept. Of Defence research](#) & [2] Fall 2012
- [Study of McEliece & Neiderreiter Cryptosystems](#) (Masters Degree Scholarly Paper) Spr. 2013