

## INVENTIONS / PATENTS

- A Big-Data analytics system to perform process mining on patient medical records *(In-progress)* 2019

## AWARDS / ACHIEVEMENTS

- Excellence Award, Cerner Q1 2017
- Leadership Development Program, Cerner (Via executive nomination) May 2017 - May 2018
- Above & Beyond Awards (3 Awards), Cerner Feb 2014, May 2017 & Sept 2017
- ShipIT Hackathon 2nd place winner, Cerner March 2018
- Client Satisfaction Ping Awards, Cerner 2014-2015
- ECE Department Fellowship Award, George Mason University Apr 2013

## CERTIFICATIONS

- AWS Certified Solutions Architect – Associate Oct 2017
- Edureka Certified Spark, Hadoop & R developer 2014 - 2015

## WORK EXPERIENCE

### Associate Lead Software Engineer, Cerner, KS, USA

*Platforms & Scalability team* Apr 2019 – Present

- Project lead to build a new & innovative petabyte scale Big-Data process mining platform (AWS & Hadoop ETLs)

*Strategy & Analytics team* Oct 2015 – Mar 2019

- Saved 14.3 FTE hrs/year by building a scalable, real-time, RESTful ticket management full-stack portal in NodeJS
- Built POCs to reduce latency by 30mins (Kafka, Azure). Built AI models for video anomaly detection, ticket triage
- Led adoption of AWS cloud, ES6 standards, GraphDB, ELK based user tracking, regular code reviews

*Nursing Integration Services team* Jun 2013 - Oct 2015

- Performed detailed RCA, coded Java packages, handled escalations 24x7 while meeting all KPI's/metrics
- Drove code investigations, logged Change Requests, enhancements, design changes with IP teams & clients

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

- Helped the ECE Chairman secure ABET accreditation & managed all related GTA activities for the department
- Taught MATLAB for the Signals & Systems course lab, set quizzes, graded homework and proctored exams

### Trainee Service Supervisor, Weatherford OTME Ltd., Mumbai, India Jul 2008 - May 2010

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

## TECHNICAL SKILLS

|                             |  |
|-----------------------------|--|
| Programming Languages       | Java 8, JavaScript (ES6), Python, R                                  |
| Web Development             | Node.js, Servlets, Socket.io, Knockout.js, Angular, Nginx, HTML, CSS |
| Databases                   | SQL Server, Oracle, Redis, Elasticsearch/Kibana, GraphDB             |
| Data Science/Big Data/Cloud | SKLearn, TF/Keras, Hadoop, Oozie, Hive, Crunch, AWS/Azure, Docker    |

## EDUCATION

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|---|--|----------|
| Master of Science, Computer Engineering | George Mason University, VA, USA                   | May 2013 |
| Bachelor of Engineering                 | Electronics & Telecom, University of Mumbai, India | May 2007 |