# Snehil Wakchaure

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## AWARDS / ACHIEVEMENTS

| | |
|---|---:|
| • Excellence Award, Cerner | Q1 2017 |
| • Leadership Development Program (DevArc), Cerner | 2017-2018 |
| • Above & Beyond Award, Cerner | May 2017 |
| • Above & Beyond Award, Cerner | Feb 2014 |
| • Client Satisfaction Ping Awards, Cerner | 2014-2015 |
| • Chairman's award, ECE Department, GMU | Apr 2013 |

## WORK EXPERIENCE

**Software Engineer**, Cerner, KS, USA

Team – *Strategy & Analytics*                                                                                     Oct 2015 - Present

- **Full stack web-development** using Node.js (ES6), Angular.js, Knockout.js, Redis that saved about 9000 hrs./year.
- Built **REST** back-ends leveraging SQL Server, MySQL, Kafka, Vertica, Neo4j, Oracle DB, ElasticSearch, JIRA API.
- Lead the ES6 and Angular.js code uplift, ElasticSearch/Kibana user tracking & helped setup team Agile practices.
- Mentored new engineers on the team, setup weekly lunch & learns.
- As side projects, built machine learning models to automatically route support tickets *(Tensorflow)*, predict physician whereabouts & to automate root cause analysis which automated about 80% of end user's manual workflow.
- Languages used – **Javascript (ES6)**, **Python**, **Java**, C#, R, SQL.

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

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|---|---|
| **Programming Languages** | *Java, JavaScript (ES6)*, Python, R, SQL, CCL, typescript |
| **Web Development** | Node.js, Angular 2, Knockout.js, D3.js, Servlets, Nginx, |
| **Databases** | ElasticSearch/Kibana, Neo4j, Redis, SQL Server, Oracle |
| **Big Data/Data Science** | Hadoop, Spark, ScikitLearn, Tensorflow |
| **DevOps** | AWS, Docker, Vagrant, Agile |

## CERTIFICATIONS

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|---|---:|
| • Amazon AWS Certified Solution Architect – Associate *(In-progress)* | July 2017 |
| • Big data & Apache Hadoop, Storm, Solr, Mahout, R, Spark *(Edureka - Verifiable licenses available upon request)* | |

## 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 |

## PUBLICATIONS

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|---|---:|
| • 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 |