Snehil Wakchaure

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AWARDS / ACHIEVEMENTS

- Excellence Award, Cerner   Q1 2017
- Leadership Development Program (DevArc), Cerner   *(In-progress)* May 2017
- 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

CERTIFICATIONS

- Deep Learning Specialization, Coursera   *(In-progress)* Aug 2017
- Amazon AWS Certified Solution Architect – Associate   *(In-progress)* July 2017
- Edureka Certified Spark, Hadoop & Storm Developer   2014-2015

WORK EXPERIENCE

Software Engineer, Cerner, KS, USA

Team – *Strategy & Analytics*   Oct 2015 - Present

- Built scalable & real-time web-apps using Node.js, Socket.io, Knockout.js, Redis saving about 9000 hrs./year.
- Built **REST**ful API's for SQL Server, MySQL, Kafka, Vertica, Neo4j, Oracle DB, ElasticSearch based services.
- Built & deployed machine learning models to route support tickets (Tensorflow), predict physician whereabouts, automate root cause analysis of incidents & to predict client surveys.
- Built a Hadoop cluster for analytics from unused hardware.
- Languages used – **Javascript (ES6), Python, Java**, C# (some), R, SQL
- Technologies used – Node.js, Django, ElasticSeach/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

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

EDUCATION

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