Snehil Wakchaure

snehil.w@gmail.com | (703) 220-8882 | snehil.github.io | KS,US

SUMMARY

- Software Engineer with experience in operations & building robust web-applications in fast paced deployment cycles.
- **Masters Degree** in **Computer Engineering**. Interest & experience in distributed computing & machine learning.

AWARDS & ACHIEVEMENTS

- Above & Beyond Service Recognition Award, Cerner Corporation, KS, USA — 22 Feb 2014
- Cerner **Client Satisfaction** Ping Awards**,** Cerner Corp., KS, USA — 2014-2015
- **ECE Department Chairman's fellowship award,** George Mason University, VA, USA — 30 Apr 2013

WORK EXPERIENCE

Software Engineer, Cerner Corporation, KS, USA *(Healthcare)* — 26 Oct 2015 - Present
Team - Strategy & Analytics

- 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%**.

Software Engineer, Cerner Corporation, KS, USA *(Healthcare)* — 03 Jun 2013 – 25 Oct 2015
Team: Nursing Integration Services – SolutionWorks

- 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 — 25 Aug 2011-24 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 — 18 July 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 — 12 July 2007 – 18 July 2008
- Wrote JCL, COBOL, DB2, C++, REXX, HLASM code on the IBM Mainframes platform for Allstate Insurance policies

TECHNICAL SKILLS

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

BIG-DATA/MACHINE LEARNING COURSES

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

EDUCATION

Master of Science, Computer Engineering	George Mason University, *VA, USA*	18 May 2013
Bachelor of Engineering	Electronics & Telecom, University of Mumbai, *India*	01 May 2007

EXTRA-CURRICULAR ACTVITIES

- IBM Watson AI X-Prize Competition 2017 *(Enrolled)* — Feb 2017

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) — Spring 2013