

# SNEHIL WAKCHAURE

## Software Engineer | Data Enthusiast

@ snehil.w@gmail.com

(703) 220 8882

snehil.github.io

snehil.wakchaure

## INVENTIONS/PATENTS

2019 – Patent pending

- A Big-Data platform to perform process mining on patient medical records

## EXPERIENCE

### Associate Lead Software Engineer

#### Cerner

April 2019 – Ongoing

Kansas City, KS

##### Insights R&D – Innovations Dev. team

- Project lead to design and build a patented petabyte scale Process Intelligence platform from scratch (AWS, Hadoop)
- Goals: Improve clinical workflows/patient safety, define/catalogue clinical processes, establish global benchmarks

October 2015 – March 2019

Kansas City, KS

##### Strategy & Analytics team

- 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

Jun 2013 - Oct 2015

Kansas City, KS

##### Nursing Integration Services team

- 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

August 2011 - May 2013

Fairfax, VA

##### Nursing Integration Services team

- Managed all GTA activities, helped the ECE dept. secure ABET accreditation, taught Matlab, set/graded quizzes

### Trainee Service Supervisor

#### Weatherford OTME Ltd.

July 2008 - May 2010

Mumbai, India

##### Nursing Integration Services team

- Provided Supervision, maintenance, support & end-to-end field engineering services for very high-stake projects
- Executed MWD/Thru-Tubing field services in a fast-paced, high-risk onshore environment for Oil & Gas clients

## CERTIFICATIONS

2017 – Present

- AWS Certified Solutions Architect – Associate

## TECHNICAL SKILLS

- Programming Languages

Java 8

Javascript (ES6)

Python

R

- Web Development

Node.js

Web-Sockets

Knockout.js

- Databases

Hive

Oracle

MySQL

Redis

NoSQL

- Big Data/Cloud

Hadoop

Oozie

Crunch

Amazon AWS

- Dev-Ops/Data Science

Docker

Cloudformation

SKLearn/Keras

## ACHIEVEMENTS



#### Managerial Leadership Program

200 of 2526 applicants selected:2020



#### Distinguished employee, Cerner

top 3% of 30,000 employees:2019



#### Excellence Award, Cerner

For exceptional teamwork:2017



#### Architect Leadership Program, Cerner

100 of 2000 applicants selected:2018



#### 3 Above & Beyond Awards, Cerner

For User Experience:2014 to 2017



#### Shiplt Hackathon Winner

2nd place, Cerner:2018



#### Client Satisfaction Awards, Cerner

For excellent client service:2014-2015



#### ECE Dept. Graduate Fellowship Award

Awarded by Chairman, GMU, VA, 2013

## EDUCATION

### M.S. in Computer Engineering

#### George Mason University

May 2013

VA, USA

### B.E. in Electronics & Telecom.

#### University Of Mumbai

May 2007

Mumbai, India