

SNEHIL WAKCHAURE

Software Engineer | Data Enthusiast

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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

Signals & Systems course, ECE Department

- Managed 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

- 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