

# Snehl Wakchaure

Big Data | Full-Stack | Cloud | ML & AI

[snehl.w@gmail.com](mailto:snehl.w@gmail.com) | (703) 220-8882 | [snehl.github.io](https://snehl.github.io)

## INVENTIONS / PATENTS

- A Big-Data analytics system to perform process mining on patient medical records (Patent pending) 2019

## AWARDS / ACHIEVEMENTS

- Managerial Leadership Program, Cerner (200 of 2526 applicants selected) 2020-2021
- Distinguished employee, Cerner (top 3% of 30,000 employees) 2018-2019
- Excellence Award, Cerner Q1 2017
- Architect Leadership Program, Cerner (100 of 2000 applicants selected) 2017-2018
- Above & Beyond Awards (3 Awards), Cerner 2014-2017
- ShipIT Hackathon 2nd place winner, Cerner March 2018
- Client Satisfaction Ping Awards, Cerner 2014-2015
- ECE Dept. Graduate Fellowship Award, GMU, VA Apr 2013

## CERTIFICATIONS

- AWS Certified Solutions Architect – Associate Oct 2017
- Edureka certified Spark, Hadoop & R developer 2014-2015

## WORK EXPERIENCE

### Associate Lead Software Engineer, Cerner, KS, USA

Insights R&D & Innovations Dev team Apr 2019 – Present

- Project lead to design/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

Strategy & Analytics team Oct 2015 – Mar 2019

- 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

Nursing Integration Services team Jun 2013 - Oct 2015

- 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, Signals & Systems course, GMU, VA, USA Aug 2011 - May 2013

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

### Trainee Service Supervisor, Weatherford OTME Ltd., Mumbai, India Jul 2008 - May 2010

- 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

## TECHNICAL SKILLS

Programming Languages	Java 8, JavaScript (ES6), Python, Ruby, R
Web Development	Node.js, Servlets, Socket.io, Knockout.js, Nginx, HTML, CSS
Databases	SQL Server, Oracle, Redis, Elasticsearch/Kibana, GraphDB
Data Science/Big Data/Cloud	SKLearn, TF/Keras, Hadoop, Oozie, Hive, Crunch, AWS/Azure
DevOps	Docker, Chef, AWS CloudFormation, Terraform

## EDUCATION

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