

Snehl Wakchaure

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

snehl.w@gmail.com | (703) 220-8882 | snehl.github.io

INVENTIONS / PATENTS

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

AWARDS / ACHIEVEMENTS

- Excellence Award, Cerner Q1 2017
- Leadership Development Program (Manager), Cerner (Executive nomination) Apr 2019
- Leadership Development Program (Architect), Cerner (Via executive nomination) May 2017 - May 2018
- Above & Beyond Awards (3 Awards), Cerner Feb 2014, May 2017 & Sept 2017
- ShipIT Hackathon 2nd place winner, Cerner March 2018
- Client Satisfaction Ping Awards, Cerner 2014-2015
- ECE Department Fellowship Award, George Mason University Apr 2013

CERTIFICATIONS

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

WORK EXPERIENCE

Senior Software Engineer, Cerner, KS, USA

Platforms & Scaling team

Apr 2019 – Present

- Project lead to build a brand new peta-byte scale Big Data process mining platform (Hadoop ETL data-pipelines)

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, George Mason University, VA, USA

Aug 2011 - May 2013

- Helped the ECE Chairman secure ABET accreditation & managed all related GTA activities for the department
- Taught MATLAB for the Signals & Systems course lab, set quizzes, graded homework and proctored exams

Trainee Service Supervisor, Weatherford OTME Ltd., Mumbai, India

Jul 2008 - May 2010

- Provided Supervision, maintenance, support & end-to-end field engineering services for high stake projects
- Managed direct client engagements & field operations independently in a very fast paced, high risk environment
- Executed onshore & offshore international MWD & Thru-Tubing field assignments for major Oil & Gas clients

TECHNICAL SKILLS

Programming Languages	Java, JavaScript (ES6), Python, R
Web Development	Node.js, Servlets, Socket.io, Knockout.js, Angular, 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, Docker

EDUCATION

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