Snehil Wakchaure

Full-Stack | Machine & Deep Learning | Cloud

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AWARDS / ACHIEVEMENTS

• Excellence Award, Cerner	Q1 2017
• Leadership Development Program (DevArc), Cerner	*(In-progress)* May 2017
• Above & Beyond Awards (3 Awards), Cerner	Feb 2014, May 2017 & Sept 2017
• Mentor for new engineers (DevAcademy), Cerner	*(In-progress)* Q1 2018
• Client Satisfaction Ping Awards, Cerner	2014-2015
• ECE Department Fellowship Award, George Mason University	Apr 2013

CERTIFICATIONS

• Amazon AWS Certified Solution Architect – Associate	Oct 2017
• Edureka Certified Spark, Hadoop & R developer	2014-2015
• Deep Learning Specialization, Coursera	*(In-progress)* Aug 2017

WORK EXPERIENCE

Senior Software Engineer *(Full-Stack),* Cerner, KS, USA

Team – *Strategy & Analytics*   Oct 2015 – Present

- Built Deep Learning models for video anomaly detection, finding missing charges, triage support tickets.
- Built Machine Learning models to predict physician whereabouts, nurse shift schedules, client satisfaction.
- Built scalable, real-time, RESTful apps using Node.js, Web-Sockets, Knockout, ElasticSearch, GraphDB.
- Designed & built Kafka event ingestion using Microsoft Azure, Serverless functions, DocumentDB, JS & Python.
- Built an experimental Hadoop cluster from unused hardware for the R&D team for client build analytics.
- Languages used: **Javascript (ES6), Python, Java**, C# (some), R, SQL.
- Technologies used: Azure/AWS, Docker, Node.js, ElasticSeach/Kibana, SQLServer, Redis, Kafka, Nginx.

Team – *Nursing Integration Services*   Jun 2013 – Oct 2015

- Performed detailed RCA, coded Java packages, handled escalations 24x7 while meeting all KPI's/metrics.
- Logged Change Requests, drove technical investigations, enhancements, design changes with multiple teams.
- Languages used: **Java**, Javascript, SQL, CCL, C++, HTML/CSS, Oracle DB & query performance optimization.

Lead Graduate Teaching Assistant, George Mason University, VA, USA   Aug 2011 – May 2013

- Co-ordinated all GTA activities & maintained ABET standards. Reported to the ECE Chairman.
- Taught MATLAB for the Signals & systems course, set quizzes, graded HW & proctored exams.

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

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

TECHNICAL SKILLS

Programming Languages	Java, JavaScript (ES6), Python, R
Web Development	Node.js, Servlets, Socket.io, Knockout.js, Angular, Nginx
Databases	SQL Server, Oracle, Redis, ElasticSearch/Kibana, Neo4j
Data Science / Big Data	ScikitLearn, Tensorflow, Keras, Hadoop, Spark
Cloud / DevOps	AWS/Azure, Docker, Vagrant, Agile

EDUCATION

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