Jay Kadam

Email : er.jayk@gmail.com
Mobile : +91 838-104-3656

EDUCATION

- **Birla Institute of Technology and Science, Pilani** Pilani, India
  M.E. Software Systems; CGPA: 8.08/10.00 *Aug. 2016 – July. 2018*

- **University of Mumbai** Mumbai, India
  Bachelor of Engineering in Computer Engineering; Overall Percentage: 67.5 *Aug. 2008 – July. 2012*

PROFESSIONAL EXPERIENCE

- **Oracle India** Hyderabad, India
  Application Engineer *July 2018 - Present*
  - **Invoices Microservice**: Joined the Invoices microservices team right since the inception of the project. The goal of the project is to design, develop and deploy Invoices Application using microservices architecture. Currently, I am responsible for analysing existing monolith Invoices application, identifying various dependencies among different components, conducting various proof of concepts and developing new back-end for Invoices microservice using Oracle ADF, Helidon, Java, Groovy and Oracle SQL.

- **Samsung Research India Bangalore** Bangalore, India
  Student Trainee *Jan 2018 - Jun 2018*
  - **Automatic Speech Recognition**: Implemented Automatic Speech Recognition (ASR) using Deep Neural Networks with Deep Natural Language Understanding (DNLU) Team. Goal of the project was to generate phonemes given audio/sound/voice files as input, without intermediate steps. The existing ASR system generated text from input audio files with multiple intermediate steps.

- **Birla Institute of Technology and Science, Pilani** Pilani, India
  Research/Teaching Assistant *Aug 2016 - Jun 2017*
  - **Teaching Assistant - Data Mining**: Conducted lab sessions as main instructor for Data Mining course with batch strength of 60 students. Helped students understand and implement complex data mining concepts. Explained practical aspects of Data Mining using various tools such as IBM SPSS Modeler, WEKA, R. Helped course in-charge to create lab manuals, question papers.
  - **Teaching Assistant - Data Wareshousing**: Helped Course in-charge to create lab manuals, question papers which can assess the understanding of students.

- **Infosys ltd.** Pune, India
  Senior Systems Engineer *Jun 2013 - Jul 2016*
  - **Syngenta AG**: Lead a team of 3 members for SAP BW Platform Optimization. Handled responsibilities as a SAP BI(Data Wareshousing) Consultant for Syngenta AG. Developed and designed BI reports using SAP BI/BW.

PROJECTS

- **Inverted Index and distributed Search query for wikipedia data set** : Built an Inverted Index using Apache Spark and Python. Set up an Apache Spark Cluster of 3 machines running Ubuntu 16.04 and setup Apache Spark, Python 3.0 distributed environment. Built an Inverted Index and distributed search query to retrieve information from Wikipedia Data set of size 3GB.
- **Multi-Client chat application** : Designed and developed an UDP based application using which multiple clients can chat with each other over a computer network. Implemented using multi-threading in Java and Swing for UI.
- **Spam Classifier Web Application** : Built a machine learning model for spam SMS message classification, then created an API for the model, using Flask, the Python micro framework for building web applications.This API allows us to utilize the predictive capabilities through HTTP requests.

PROGRAMMING SKILLS

- **Languages** : Java, SQL, Shell Script, Python, Scala
- **Technologies/ Tools** : Git, Jira, Linux, Kafka, Spark, Hadoop Mapreduce, Jupyter Notebooks, Keras, Tensorflow