

Sanket Chinchalkar

Software Engineer | sanket3500@gmail.com | +1 (919) 884-8288

EDUCATION

MASTER OF COMPUTER SCIENCE

Dec 2016 | Raleigh, NC
North Carolina State University

GPA: 3.67

BACHELOR OF ENGINEERING IN ELECTRONICS AND TELECOMMUNICATION

May 2012 | India
G. H. Raisoni College of Engineering
Percentage: 81.71

LINKS

Github: <https://github.com/sanket-c>

LinkedIn: <https://in.linkedin.com/in/sanketchinchalkar>

SKILLS

PROGRAMMING LANGUAGES

Java • J2EE • Python • C • C++ • R

WEB TECHNOLOGIES

HTML • CSS • Bootstrap • Javascript
Angular • JQuery • React

APPLICATION SERVERS

NodeJS • Apache Tomcat

FRAMEWORK / UTILITIES

Hibernate • Spring • REST

DATABASE

SQL • PL/SQL (Oracle, Postgres, DB2)

BIG DATA / NOSQL

Elasticsearch • Apache Spark • MongoDB
Hadoop • Kafka

CD/CI TECHNOLOGIES

GIT • SVN • Jenkins • Gradle • Docker

LIBRARIES

Numpy • Scikit-Learn • Pandas

CERTIFICATIONS

- Oracle Certified Java Programmer
- Soft Skills and Personal Development

ACHIEVEMENTS

- 'Manager's Choice Award' at IBM
- 'On the Spot Award' at Tata Consultancy Services

PROFILE

- Oracle Certified Java Programmer with more than 3 years of experience in Software Development, Product Engineering and Result Driven Applied Research on Market Influencer Analysis.
- Contributed software engineering expertise in development and successful deployment of products through SDLC using Agile and Waterfall methodologies.
- Experienced in Object Oriented Programming, Full Stack Development, Web Services and RDBMS.
- Participated in sales presentations because of my ability to translate user needs into feasible software solutions.
- Collaborated closely with other team members to design and develop robust solutions.

EXPERIENCE

IBM | COGNITIVE SOFTWARE ENGINEER

April 2017 – Present | Research Triangle Park, NC

- Enabled Data Processing Algorithms to use Spark Pipeline for fast and efficient processing of large datasets.
- Developed Spark Applications that can be triggered through REST APIs built on Java Spring Framework.
- Implemented Web Applications using React and NodeJS which integrate Electronic Health Record (EHR) systems with Watson APIs to generate actionable insights.
- Developed algorithms for calculating Health Risk Scores in Javascript for the patients based on Clinical Data.

TATA CONSULTANCY SERVICES | SOFTWARE ENGINEER

January 2013 – July 2015 | Pune, India

- Developed module in Java for fetching data from social media APIs like Twitter, Facebook, etc.
- Developed algorithms for Sentiment Analysis, Entity Extraction, Taxonomy Analysis, etc. in Core Java.
- Worked with SQL, PL/SQL and Elasticsearch (NoSQL) for data storage and management.
- Designed multi threaded and parallel processing architecture in Java for efficient processing.
- Implemented pipeline architecture in Java for modular processing.
- Implemented User Interface using HTML, CSS, Bootstrap, Javascript and AngularJS.
- Implemented REST API using Node.js and Java for handling user requests.

ACADEMIC PROJECTS

- Developed a Micro-shell in C for handling Command Line Parsing, I/O Redirection, Job Control, etc.
- Implemented Non-preemptive User Level Threading Library with Semaphore routines using C language.
- Ad Words Placement algorithms were implemented in Python using Graph Matching and iGraph library.
- Developed a Recommendation System using friendship relations on Social Network in Python and Spark.
- Market Segmentation algorithm was implemented in Python using Attributed Graph Community Detection.