Sanket Chinchalkar

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

EDUCATION

Master of Computer Science
December 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
Cloudant • CouchDB • 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 4 years of experience in Software Development, Product Engineering and Result Driven Applied Research.
- 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, RDBMS and NoSQL.
- 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.
- Participated in a creative process called 'Enterprise Design Thinking' which includes architecture design and implementation of efficient and user-friendly software.

EXPERIENCE

IBM | Software Engineer
April 2017 – Present | Research Triangle Park, NC

- Designed and developed Microservices Solution using Angular 6 and NodeJS for onboarding Providers on IBM Marketplace.
- Worked on Cloudant and MongoDB for data storage and management.
- 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

- 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.