

# 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 • Javascript • Typescript • Python

### WEB TECHNOLOGIES

HTML • CSS • Bootstrap • Angular  
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 • Cloudant

### CD/CI TECHNOLOGIES

GIT • SVN • Jenkins • Gradle

### CONTAINERIZATION TOOLS

Kubernetes • Docker

## 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

- Innovative software engineer offering 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, Cloud Technologies, Web Services and Database Management (SQL and NoSQL).
- Proficient in analyzing and translating business requirements to technical requirements, architecture and feasible software solution.
- 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, Typescript and Node for onboarding Providers on IBM Marketplace.
- Implemented containerized API services hosted on IBM Cloud Kubernetes Service to enable provisioning of IBM products on Third Party Marketplaces.
- Worked on Cloudant and MongoDB for data storage and management.
- Wrote unit tests, functional tests and integration tests to automate overall testing and achieve 100% test and code coverage.
- Enabled Data Processing Algorithms to use Spark Pipeline for fast and efficient processing of large datasets.
- 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.
- Mentored and guided a team of engineers to successfully deliver business results.
- Analyzed client's business requirements and mapped them to functional specifications.
- Sketched out plans and strategies to meet client requirements.