Sanket Chinchalkar

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Objective

To obtain a pivotal position through which I will exploit the best of my education, skills and acumen to achieve corporate goals.

Education

North Carolina State University, Raleigh, NC — *Master of Computer Science*
August 2015 - December 2016   **GPA : 3.67**
Relevant Courses : Design and Analysis of Algorithms, Operating Systems, Database Management and Systems, Computer Networks, Graph Theory, Data Intensive Computing, Algorithms for Data Guided Business Intelligence

G. H. Raisoni College of Engineering, Nagpur, India — *Bachelor of Engineering in Electronics and Telecommunication*
August 2008 - May 2012   **Percentage : 81.71 %**

Profile

- Oracle Certified Java Programmer with more than 2 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.
- Built several scripts for automation.

Work Experience

Tata Consultancy Services, Pune, India — *Software Engineer*
January 2013 – July 2015

- **Product : Social Media Listening Platform**
  - **Web Crawling Module**
    - Developed module in Java for fetching data from social media APIs like Twitter, Facebook, etc.
  - **Data Processing Module**
    - 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.
  - **Visualization Module**
    - Implemented User Interface using HTML, CSS, Bootstrap, Javascript and AngularJS.
    - Developed and maintained Elasticsearch queries (JSON format) and plugins for faceting and filtering.
    - Implemented REST API using Node.js and Java for handling user requests.

Technical Skills

- **Programming Languages :** Java, J2EE, Python, C, C++, R
- **Web Technologies :** HTML, CSS, Bootstrap, Javascript, AngularJS
- **Frameworks :** Hibernate, Spring, REST
- **Database :** SQL, PL/SQL (Oracle, PostgreSQL)
- **Big Data / NoSQL :** Elasticsearch, Apache Spark, MongoDB, Zookeeper
- **Code Repository :** SVN, GIT
- **App Servers :** Apache Tomcat, Node.js
- **Operating Systems :** Linux , Microsoft Windows
- **Tools :** Eclipse, Netbeans, Visual Studio

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.
- User Space File System was implemented with files being maintained in RAM using FUSE in C.
- Implemented multi-player data passing game over sockets using C language.
- Designed and developed a Fault Tolerant Column-Oriented Distributed Datastore
- 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.
- Implemented Sentiment Analysis algorithm for Twitter data using Python, Spark Streaming and Kafka.
- Market Segmentation algorithm was implemented in Python using Attributed Graph Community Detection.

Certifications and Achievements

- Oracle Certified Java Programmer
- Diploma in Soft Skills and Personal Development
- Awarded with 'On the Spot Award' for good performance in TCS