SARVESH DESHMUKH

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EMPLOYMENT

Assistant Systems Engineer	Tata Consultancy Services	Dec 2013 – March 2015

Client – Ericsson
- Developed a web-application to enable telephone vendors to generate reports based on the data collected and processed for monitoring and improving the quality of the network. The application processed the data to generate visual representation which was used by top management.
- With automated data processing module, the application also contained a tracking system, which could be manually accessed to report outliers.
- Languages and technologies used: Java, JSF, MS SQL.

`EDUCATION

Gainesville, FL	University of Florida	Aug 2016 - Present

- Pursuing Masters of Science **–** Computer Science. GPA: 3.1/4.0.
- Graduate Coursework: Analysis of Algorithms, Advanced Data Structures, Computer Networks, Pattern Recognition, Distributed Operating Systems, Programming Language Principles.

Mumbai, India	University of Mumbai	Aug 2009 – May 2013

- Bachelor of Engineering with first class specializing in Information Technology**.**
- Undergraduate Coursework: Data Structures and Algorithms, Object Oriented Analysis and Design, Database Technologies, Operating Systems, Artificial Intelligence, Programming for Mobile & Remote Computers.

PROJECTS

- **Personalized Twitter bot (Node.js, Twitter API).** This twitter bot could aggregate tweets based on the keywords which could be customized to find and retweet influential tweets related to the keywords ingested by the bot.

- **Music Festival Camp (Node.js, MongoDB, jQuery, JavaScript, Express.js).** Developed the web application for music lovers to view my hand-picked music festivals from all over the world. Users can create an account, get the info, read, and submit the reviews/comments about the festival.

- **Reduce It (Huffman Encoding using 4-way heap)**. Developed an application to compress the file by implementing 4-way cache optimized heap and Huffman coding algorithm in Java, this application can encode and decode the enormous amount of data to be streamed over the network. Java.

- **Multi-client Server chat program (Java Server Socket programming).** Wrote an Internet chat application with a server program and a client program. The server manages a chat group, allowing any number of clients to join the group. Functionalities – Unicast, Broadcast messages, Sending a file from source to destination.

TECHNICAL SKILLS

- Java, C#, C++
- SQL, MySQL
- HTML 5, XHTML, CSS, JavaScript, ASP.NET, JSF, Bootstrap, Node JS, jQuery, Express JS, MongoDB
- Visual Studio, Microsoft SQL Server, Eclipse, Git, Subversion, Apache Tomcat, XAMPP
- MVC 4 Framework, Agile Software Development