NAMRATA DESHPANDE

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SUMMARY OF QUALIFICATIONS

- 3+ years of experience as Web and Database Developer and currently specializing in Data Science & Analytics.
- Strong understanding of inferential statistics, analytics tools and data visualization techniques to make data-driven decisions and to communicate them effectively.
- Competent in communicating with people of both technical and non-technical background.

SKILLS

- **Data Handling:** Data wrangling and cleaning using R, Excel, Tableau.
- **Analytics:** Exploratory and Advanced Data Analysis using R, Python, D3.
- **Visualization**: Interactive and User friendly visualizations using R, D3, Shiny, Tableau.
- **Database**: Oracle, MySQL, Hibernate and iBATIS Frameworks, MongoDB
- **Statistics**: Descriptive, Inferential and Predictive Statistics.
- **Programming:** JAVA with SPRING 3.0, JavaScript, R, Python
- **Web Development**: HTML5, CSS3, Bootstrap, AngularJS, DOJO 1.10, EXT JS-4.0, JQuery

EDUCATION

UNIVERSITY OF WASHINGTON, INFORMATION SCHOOL, Seattle, WA   Anticipated Graduation: June 2017
Master of Science in Information Management
Specialization: Data Science & Analytics

INSTITUTE OF ENGINEERING AND TECHNOLOGY, Indore, India   May 2012
Bachelor of Engineering in Electronics and Telecommunications

RELEVANT EXPERIENCE

ERICSSON INC., *Bellevue, WA- Database Intern*   June 2016-Present
- Working on project based agile development team to enable the migration of the current information model to newer version.
- Built a command line utility to automate data extraction, wrangling and transformation and finally persistence of huge datasets to accommodate changes as per new information model. Used Java Hibernate, Oracle 11g, Shell Scripting.

INFOSYS LIMITED, *India- Senior Systems Engineer*   Sep 2012-June 2015
- Worked as full stack developer for client focused development team for development and maintenance of web based Automated Maintenance Manuals for the Boeing Company.
- Gained holistic experience by performing requirement analysis, web design, development, testing and delivery of software solutions.

ERICSSON INDIA PVT. LIMITED, *India- Operations Analyst Intern*   Jun 2011 – July 2011
- Worked as Analyst on the Outage Analysis and Operations Team to analyze reasons for frequent outages in networks.
- Built an automated utility using MS Excel and Visual Basic Macros to analyze huge number of daily outage reports.

ACADEMIC RESEARCH PROJECTS

Women in STEM: By the numbers: A data analysis and visualization of current scenario of gender diversity in STEM fields.
- The aim of the project was to increase awareness towards growing gender disparity in STEM fields.
- Analyzed the current data for women in STEM occupations (collected by US Census Bureau through the American Community Survey) and generated visualizations using R and Adobe Illustrator to communicate the findings.

Startup and Funding: A visual story-telling project approach to help new entrepreneurs to learn about funding process in US.
- Data Analysis was performed on data provided by Crunchbase, Quandl.com and Kauffman.org to describe the different steps in startup funding along with description of current statistics.
- Visual Scrolly-telling approach was used and development was done using JQuery, Bootstrap and D3.js.

NutritionFinder: Analyzed the data from US Department of Agriculture, Agricultural Research Service, Nutrient Data Laboratory to create the interactive tool using D3.js, HTML, JavaScript and Bootstrap