

## SUMMARY OF QUALIFICATIONS

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- 3.5 years of experience in Web Development, Databases (SQL and NoSQL), Data Analytics and Visualizations and currently specializing in Data Science & Analytics.
- Strong understanding of predictive statistics, machine learning, analytics tools and data visualization techniques to make data-driven decisions and to communicate them effectively.
- Competent in managing people of both technical and non-technical background.

## SKILLS

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- **Data Handling:** Extraction, wrangling and cleaning using R, Excel, SQL, UNIX, Tableau.
- **Machine Learning:** Representation, Evaluation and Optimization using R and Python (NumPy, SciPy, Pandas).
- **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, REST, SOAP, JavaScript, R, Python
- **Web Development:** HTML5, CSS3, Bootstrap, AngularJS, DOJO 1.10, EXT JS-4.0, JQuery

## EDUCATION

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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

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ERICSSON INC., Bellevue, WA- Database Intern

June 2016 - Dec 2016

- Worked with a client-focused agile development team to enable the migration of huge customer data from current information and entity model to the updated version for client service delivery gateway.
- Built a command line utility to automate data extraction, wrangling and transformation and finally ingestion of huge datasets to accommodate changes as per new information model. Used Java Hibernate, Oracle 11g, Shell Scripting/UNIX.

ELEVAT IOT, Bellevue, WA- Data Analyst Intern

Nov 2016 – Jan 2017

- Worked as Data Analyst to analyze data generated by agricultural IOT devices in order to infer and predict relationships and future trends.

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

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Women in STEM: By the numbers: ([Project Link](#))

- A data analysis and visualization of current scenario of gender diversity 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.

Prediction of Titanic Survivors: ([Project Link](#))

- This project focuses on evaluating the performances of different statistical learning methods like Logistic Regression, Bayes Generalized Linear Model and Random Forest Model for prediction using R programming language.

**Startup and Funding: ([Project Link](#))**

- 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. Development was done using JQuery, Bootstrap and D3.js.

Please visit [Website](#) for more projects.