

SUMMARY OF QUALIFICATIONS

- ~ 4 years of experience in Software & Web Development, Databases (SQL & NoSQL), Data Analytics and currently specializing in Data Science & Analytics.
- Strong understanding of predictive statistics, machine learning, BI, analytics tools and data visualization techniques to draw practical insights in order to make data-driven effective business decisions and to communicate them effectively.
- Experienced in working with object oriented programming languages (Java, Python, and C++) and software profiling tools for ensuring high quality and reliable software solutions
- Competent in managing and communicating with people of both technical and non-technical background.

TECHNICAL SKILLS

- **Data Analytics:** Extraction, wrangling and cleaning using R, Python (NumPy, SciPy, Pandas), Excel, SQL, UNIX, Tableau.
- **Machine Learning:** representation, evaluation and optimization algorithms using R and Python
- **Visualization:** Interactive and user friendly visualizations using R, D3, Shiny, Tableau.
- **Database:** Oracle, JDBC, MySQL, Hibernate and iBATIS Frameworks, MongoDB
- **Statistics:** Descriptive, Inferential and Predictive Statistics
- **Web Development:** HTML5, CSS3, Bootstrap, AngularJS, DOJO 1.10, EXT JS-4.0, JQuery
- **Programming:** Advanced JAVA with Spring MVC, REST, SOAP, C++, R, Python

EDUCATION

UNIVERSITY OF WASHINGTON, INFORMATION SCHOOL, Seattle, WA

Anticipated Graduation: June 2017

Master of Science in Information Management (GPA-3.91)

Specialization: Data Science & Analytics

INSTITUTE OF ENGINEERING AND TECHNOLOGY, Indore, India

May 2012

Bachelor of Engineering in Electronics and Telecommunications (GPA-3.86)

RELEVANT EXPERIENCE

ERICSSON INC., Bellevue, WA- Software Developer Intern

June 2016 - Dec 2016

- Enabled the migration of huge customer data from current entity model to the updated version for client (T-Mobile) service delivery gateway.
- Created technical specification documents and information entity mapping model from functional specification provided by clients.
- Built an automated pipeline triggered by command line to perform data extraction from older database, wrangling and transformation of data to new model and finally ingestion of data to the latest database.
- Performed performance and integration testing on code to improve performance and scalability as per the size of data.
- Used Java Hibernate, REST, SOAP, 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 and machines.
- Analyzed data by financial (sales) as well as operational perspective to predict business trends and infer relationships.
- Used Tableau, Excel, SQL, SSIS.

INFOSYS LIMITED, India- Senior Systems Engineer

Sep 2012 - June 2015

- Worked as full stack developer for agile development team for development and maintenance of web based Automated Maintenance Manuals for the Boeing Company.
- Reproduced, analyzed and fixed high priority production defects to ensure quality product delivery and high customer satisfaction.
- Worked with multiple teams and clients located at varied locations.
- Gained holistic experience by performing requirement analysis, web design, development, testing and delivery of software solutions.
- Worked with varied technologies like JAVA Spring 3.0, iBATIS, MySQL, DOJO, EXT-JS, JQuery.

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

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 of survival in Titanic passengers using R programming language.

Housing Prices in Boston Suburbs: ([Project Link](#))

- A shiny app that allows the user to explore the factors affecting the housing prices in Boston suburbs by analyzing relationships between them using Linear Regression Model Fitting and Residual Analysis in R.

NutritionFinder: An interactive D3 tool: ([Project Link](#))

- An interactive tool to find out the actual nutritional composition of food that we eat in normal life. Analyzed the data from US Department of Agriculture, Agricultural Research Service, Nutrient Data Laboratory to create the interactive tool.
- Used D3.js, HTML5, JavaScript and Bootstrap

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.
- Used data analysis in R and Adobe Illustrator to communicate the findings.