

SUMMARY OF QUALIFICATIONS

- **Data Analysis and Visualization:** R, Python, Statistical Machine Learning, Tableau, D3.js, Hadoop, Hive, MapReduce
- **Business Intelligence:** Microsoft SQL Server, SSIS ETL, Data warehouse Modelling, Oracle Business Intelligence 10G and 11G (OBIEE), Informatica ETL, Oracle DAC, Oracle EBS.
- **Programming/Databases:** SQL Certified Expert and Certified DBA, JavaScript, HTML, Linux, UNIX.
- Good understanding of Machine learning algorithms and their implementation.
- A proactive learning with strong analytical data analysis skills, innovative problem solving and organizational abilities.
- Excellent leadership skills inculcated by managing a team at a professional level.

EDUCATION

University of Washington, Information School – Seattle, WA

Master of Science in Information Management

June 2017

University of Mumbai – Mumbai, India

Bachelor of Engineering in Computer Engineering

June 2012

PROFESSIONAL WORK EXPERIENCE

Expert Velocity (Point B Inc.), Seattle, WA – Business Intelligence Intern

June 2016 – Present

- Modelled data and metadata to build an Enterprise Data Warehouse to deliver BI solutions and Business reporting.
- Designed and Developed Extract-Transform-Load Architecture and procedures using SQL Server Integration Services.
- Coded complex T-SQL queries and procedures for data mining, model building, ETL, validation and query management.
- Developed interactive reports using Tableau to derive insights and perform data analysis.

University of Washington, Seattle, WA – Graduate Teaching Assistant

January 2017 – March 2017

- Working as a TA for Prof. Mike Doane for INFO 380: Information System Analysis and Design.

University of Washington, Seattle, WA – Student Assistant

October 2015 – June 2016

- Responsible to assist the senior Business Analyst in providing timely updates to the management.
- Analyze issues and ensure seamless working of UW's course management portal- MyPlan.

Capgemini India, Mumbai, India – Consultant (Business Intelligence)

September 2012 – July 2015

- Performed data analysis on transactional data, developed Informatica ETLs and reporting dashboards in Oracle BI.
- Responsible for leading the BI team of 5 for over a year and development for Oracle BI, Informatica and DAC applications.
- Awarded Project Star Award for innovative contribution that reduced ETL turnaround time by 45%.

ACADEMIC PROJECTS

Prediction Algorithms (<https://github.com/kunalseth/PredictionAlgorithms>) - University of Washington

May 2016

- Developed different prediction models such as regression trees using Auto and simulated datasets using R.
- Applied cross validation to tune and select best fitting model.
- Implemented Regression and classification methods of machine learning.

Optimized Lighting Decisions (kunalseth.github.io/OptimizedLighting) - University of Washington

March 2016

- Created an application in D3.js to help users make optimized lighting decisions for their homes.
- Researched the lighting decision process and provided users with a comparison between different types of bulbs.

World Development Indicators (kunalseth.github.io/WorldEmploymentD3) - University of Washington

February 2016

- Designed visualization in D3.js that analyzes the unemployment statistics from 159 countries to the Internet usage.

Exploratory Data Analysis-Tableau (kunalseth.github.io) - University of Washington

January 2016

- Performed Exploratory Data Analysis on murder statistics in the United States. Data scraped using python scripts.
- Created Tableau story exploring different dimensions to visualize the safe and unsafe states in relation to murder stats.

Search Engine Optimization - University of Mumbai

April 2012

- Designed an organization level search engine using PHP, MYSQL, CSS, HTML and HTML5.

CERTIFICATIONS

Oracle Certified Associate in Database Administration (OCA-DBA) (Testing Id- OC1162790) and PLSQL Trained.

- SQL Expert (1Z0-047) - 92% & Database Administration I (1Z0-042) - 100%.

RDBMS (Graduation in NIIT) - Secured 1st Place All over Mumbai for SQL final examination- Score 98%.