Harsh Dev

harshdev@uw.edu | (206)-954-9615

https://www.linkedin.com/in/harsh-dev/
www.harshdev.com

SUMMARY OF QUALIFICATIONS

- 5 years of extensive experience in leading technology & analytics teams in large and small organizations.
- Innate ability to use information visualization as a tool to communicate effectively with clients/partners/team members.
- Proven ability in adding value to teams using data science & analytics in complex and demanding environments.
- Technical Skills: R, JavaScript, Python, SQL, HTML, CSS, Perl, Shell Scripting, Tableau.
- Packages & Framework: D3, node.js, WriteExcel, ParseExcel, Google Cloud, Couchbase, MongoDB, MySQL.

EDUCATION

University of Washington, Information School, Seattle, WA (3.83/4)   Jun 2019

Master of Science in Information Management – Specialization in Data Science & U.X. Relevant Coursework: Theoretical Foundations of Data Science, Machine Learning, Advanced Interactive Data Visualization, Information Ethics.

Sikkim Manipal Institute of Technology, Sikkim, India   Sep 2012

Bachelor of Technology, Electronics and Communication – Relevant Coursework: Object Oriented Programming, Relational Databases, Signal Analysis. Awarded Distinguished Alumni Award in 2016.

WORK EXPERIENCE

Wells Fargo, Bengaluru, India - Technology Specialist   Mar 2015 – Sep 2017

Analytics

- Led the development of an enterprise tool that gathers data from 30+ banking applications, performs automated data mining, cleaning, metrics calculation & report generation, leading to monetary savings of USD $10,000 per year.
- Partnered with Risk Business to build an analytics pipeline to analyze relationships between zip codes & fraud occurrences, resulting in identification of areas where probability of fraud was higher than average.

Cloud

- Spearheaded Design & Implementation of distributed cloud architecture for enterprise risk systems to support multiple n-tier applications that worked in unison to provide a fraud detection framework for 80 million customers.
- Initiated containerized deployment of applications to reduce deployment failures & increase utilization of resources.

Consulting & Strategy

- Provided strategic advice to business partners for end to end implementation of 20 million USD Risk Systems Project.
- Represented Distributed Support team in the Risk Systems Migration architecture conference in San Francisco and Phoenix and convinced top management to expand the team in India. This led to team expansion by 50 %.
- Spearheaded recruitment drives of Wells Fargo for all Tier-1 colleges across six different geographies within India.

 Other Roles Served at Wells Fargo: Senior Analyst (March '13 - March '15) & Analyst (January '12- February '13)

RECENT ACADEMIC PROJECTS

Flavors of My City: Market Basket Analysis for an Indian startup.   Jan 2018- Current

- Analyzed large messy data collected from Google Analytics & CRM database using arules and arulesViz package of R.
- Cleaning, Anonymizing & Visualizing data for enabling a clear understanding of sales insights.

Dementia Research: Qualitative Research on Dementia. (Project Link)   Sep 2017 – Dec 2017

- Exploratory study to analyze the effect of Age, Gender & Demographics in the choice of coping strategies.
- Quantitative analysis using familiar Natural Language Processing methods to observe emerging factors in transcripts.

Bollywood Box Office Analysis: Assessing how does user ratings from I.M.D.B, affects the success or failure of Bollywood movies, using R and Tableau. (Project Link)   Jan 2018 – Feb 2018

- Performed a visual exploratory analysis on various facets of movie parameters such as budget, revenue, R.O.I.
- Mined data from multiple sources, used SQL joins to compile the dataset and R to clean and reformat for analysis.

Sales Dashboard: Sales dashboard developed using d3.js, JQuery, CSS, HTML (Project Link)   Jan 2018 – Feb 2018

- Interactive D3 application to analyze historical sales data by revenue and volume using intuitive transitions & interactions.