Geet Singh Makhani

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# Experience

[07/01/2017] - [06/30/2020]

[ ANALYTICS] | [DATA ANALYST] | [ ALLIANT INFOTECH PVT. LTD]

. Involved in coding, testing phases of software development life cycle (using Spring, JSF and JDBC templates), as well implemented new functionalities based on requirements gathered.

. Collaborated with technical team members to integrated back-end and front-end elements.

. Optimized data collection procedures and generated weekly, monthly and quarterly reports.

. Successfully interpreted data to draw conclusions for managerial action and strategy.

[06/01/2016] - [07/30/2016]

[SUMMER INTERNSHIP] | [ANDROID DEVELOPER] | [SYSTEMATIX INFOTECH PVT. LTD]

Summer Intern, for GOAL an android application

. Mobile based application which helps the users on their goals and reminds them to set the timer.

. I worked at the front – end. My role was to design the user interface.

# Education

[St Cloud State University], [Minneapolis], [Minnesota]

MASTER OF SCIENCE – ENGINEERING MANAGEMENT

# Technical Skills

A) Programming Language – SQL, PL/SQL, PYTHON, R, CSS (Cascading Style Sheets), HTML.

B) Data Visualization- Tableau, Microsoft Excel, Microsoft PowerPoint.

C)Distributed System-Hadoop (HDFS, Map Reduce, Streaming), Hive, Spark, Pig.

D)Machine Learning Models- Logistic Regression, Decision Tree, SVM, Random Forest.

E) Data Structure- Stack, Queue, Matrices, Sorting, Searching Hash Table, Graph Transversal Techniques, Array, Trees.

F) Database Management- Oracle Databases, Mongo DB, MY SQL.

G) Statistics for Data Science – Probability Distribution, Time Series Regression, Standard Deviation, Linear Algebra.

H) Operating System- Windows 10, Linux, Unix.

# Project

A) EVENT REMAINDER APPLICATION

. Led a team of 3 and developed a free android application which reminds the user about the registered events on specified date/time and automatically sends wishes to registered contact.

. I worked at the back end. Structuring the data in database and designed the user interface.

B) ONLINE HEALTHCARE INFORMATION SYSTEM

. Worked in a team of 5 and developed a website which provides platform that detects the disease and provides general medical advice to the users based on the provided symptoms.

. I oversaw business logic, connecting ISP, to the servlets and managing the flow of data from one webpage to another.