**DEEPANK KHURANA**

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**SUMMARY**

Energetic software professional with over 4-year of functional experience facilitating cutting edge engineering solutions with a diverse skill set and creative drive to software application development.

**TECHNICAL SKILLS**

Programming Languages: Python, JavaScript, Java, C++

Web Technologies: React JS, Angular, NodeJS, jQuery, HTML, CSS, XML, Express, Vue.js

Databases: SQL, MySQL, Oracle, MQL, MongoDB, NeoDb

Tools: Tableau, JIRA, GIT, Selenium, SAP, QTP, PowerBI, Blasmiq, Axure, InVision, xD

Other Skills: AWS, Machine Learning, Computer Vision, Data Visualisation, UI/UX Prototyping

**EDUCATION**

**Northeastern University**, Boston, MA **GPA – 3.78**

*Master of Science in Information Systems* **Expected Dec 2020**

Relevant Courses: Adv Data Science, Web Design, Data Science, Database Design, Software Quality, UI/UX

**B.M. Institute of engineering and Technology,** Sonipat, India **Jun 2014**

*Bachelor of Technology in Computer Science*

**ACADEMIC PROJECTS**

**Skin Lesion Analysis toward Melanoma Detection** **May 2020-July 2020**

* Trained the model using Transfer learning and achieved an accuracy of 92%
* Achieved 98% accuracy by using VGG16, Xception and DenseNet models in Keras for Ensemble Learning

**Chat Bot Application May 2020- June 2020**

* Build Chat bot application using NLTK and Keras, used LSTM to classify which category user message belongs to and generate response accordingly

**Data Warehouse of US Schools’ Sep 2019-Dec 2019**

* Integrated data from 5 SQL sources through ETL using Talend and developed interactive dashboards using Tableau and Power BI

**Amazon Fine Food Reviews May 2019-Aug 2019**

* Performed Data wrangling operations, applied Logistic Regression algorithm on data to train the model, used NLP to find bag of words, predict accuracy score, precision score and confusion matrix

**Employment Portal Jan 2019-Apr 2019**

* Designed a dynamic and interactive job portal using MERN stack as part of Capstone Project

**EXPERIENCE**

**R&D Intern | Dassault Systemes | Waltham** **Jan 2020-July 2020**

* Developed a dashboard to process live data and plot performance charts using ReactJs,D3.js
* Developed scripts to expand existing database by 30 folds and designed a suite to automate the flow

**Teaching Assistant | Northeastern University** **Sept 2019-Present**

* Assisted and mentored 75 students for web development and User Design course in fall 19
* Assisted and mentored 2 classes of 40 students each for User Experience Design course

**Team Lead | RDV Trading Company** **| India**  **Sept 2017-Nov 2018**

* Spearheaded a team of 8 engineers responsible for design of test automation architecture.
* Involved with the development team in estimating, planning and refactoring software development programs, also created and maintained all technical documentations, project architecture and blueprint

**Application Development Analyst | Accenture | India**  **Jan 2015-Aug 2017**

* Worked as SAP MM consultant, mined data for successful execution of end to end test scenarios in SAP
* Automated and tested over 300 scripts in SAP TAO and over 50 scripts in HP QTP
* Used SQL to perform data manipulation and data cleaning operation for business needs