**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, Selenium, SAP ECC, HP QTP, SAP TAO, PowerBI, OTM, Confluence

Other Skills: AWS, Machine Learning, Deep Learning, Computer Vision, Data Visualisation

**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*

**CERTIFICATIONS**

1. MACHINE LEARNING using PYTHON from COURSERA
2. DATA ANALYSIS using PYTHON from COURSERA

**ACADEMIC PROJECTS**

***Northeastern University | Boston, MA***

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

**EXPERIENCE**

***Dassault Systemes***

R&D Intern 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

***Northeastern University***

Teaching Assistant Sept 2019-Dec 2019

* Assisted and mentored 75 students for web development and User Design course.

***RDV Trading Company*** | New Delhi, India

Team Lead 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, projects and related tasks
* Created and maintained all the technical documentation, project architecture and blueprint

***Accenture*** | Bangalore, India

Application Development Analyst Jan 2015-Aug 2017

* Worked as SAP MM consultant, mined data for successful execution of end to end test scenarios in SAP ECCand provide resolution for user tickets on areas involving invoice verification, Material planning, Purchase requisition, Purchase order, Source list etc. Also worked on SAP SD and OTM
* 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