DEEKSHA RAWAT

Course : B.Tech, CSE, 2023



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| ACADEMIC DETAILS | | | | |
| COURSE | INSTITUTE/COLLEGE | BOARD/UNIVERSITY | SCORE | YEAR |
| CLASS X | Nirmala Convent Sr. Sec School,Kathgodam | CBSE | 9.8  CGPA | 2017 |
| CLASS XII in SCIENCE | Nirmala Convent Sr. Sec School,Kathgodam | CBSE | 89 % | 2019 |
| B.Tech in with specialization in Big Data Analytics | SRM Institute of Science and Technology - Kattankulathur Campus |  | 9.74  CGPA | 2023 |

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| Subjects / Electives | Big data tools and techniques, Computer networks, Data Science, Operating Systems, Machine Learning, Database management and business system, Big data visualization |
| Technical Proficiency | Java software development, Data Preprocessing, C++ Language, Python, Data Analytics, Java Database Connectivity (JDBC), Data Visualization, AWS CloudFormation, C Programming, Machine  Learning, Django, Flask, Tableau, Database Queries, Web Development, R Programming, JavaScript |



Jan 2022 - Apr 2022

Jul 2021 - Oct 2021

Intern, HighRadius Technologies

Backend Developer, IASSESS DIGITAL TECHNOLOGY(P) LTD

SUMMER INTERNSHIP / WORK EXPERIENCE

PROJECTS



Attractiveness and User Friendliness of AICTE Website - Web Development Mar 2022 - Mar 2022 By using latest Innovative Ideas, web App is developed for providing some of the important/frequently required useful information like, approved & unapproved institutions, etc., which are presently displayed under Statistics (Dashboard). Organization will look for attractive web App developed with latest innovative ideas to display/provide information on some of the important activities of AICTE with user friendly concept. For the better user experience, A new version of the AICTE Website is developed as per the latest trends following

Latest Graphical User Interface AI/ML concepts

Security Objective

AI enabled Invoice management system - Machine Learning/web development Jan 2022 - Apr 2022 Building a web application to help the people working in the accounts receivable departments in their day-to-day activities. Build a Full-Stack invoice management application using ReactJs, JDBC, Java, Servlets where the users in the account receivable department can:

View the invoice data from various buyers

See various fields of the invoice(s) from a particular buyer Perform Data Pre-processing on the invoice data

Get account level analytics to easily visualize and interpret data -EDA and Feature engineering Get a prediction of when the invoice is going to get paid

Helpshelf - Web Development Nov 2021 - Nov 2021

In the times of hard ship and pandemic, one of the worst hit fields is the education sector. Student have to study online and face huge problem of organizing their stuff and workload. HelpShelf, the student organizer is a website with features like Sticky Note, Week planner, Calculator, and its very own Virtual assistant-NEO-which can do various tasks form searching Google and stackoverflow to helping them open applications.

Fake news detection - Machine Learning Sep 2021 - Sep 2021

Fake news detection is the task of detecting forms of news consisting of deliberate disinformation or hoaxes spread via traditional news media (print and broadcast) or online social media.

In a nutshell, using sklearn, a TfidfVectorizer is built on the data-set. Then, a Passive Aggressive Classifier is initialized and the model is fit.

In the end, the accuracy score and the confusion matrix quantitatively explain how well the model fares.

Customer segmentation - Machine Learning Sep 2021 - Sep 2021

The concept of customer segment to target is done using the customer segmentation process using the clustering technique.

In this, the clustering algorithm used is K-means algorithm which is the partitioning algorithm, to segment the customers according to the similar characteristics.

To determine the optimal clusters, elbow method is used.

Customer-churn-prediction - Machine Learning Sep 2021 - Sep 2021

The model developed in this work uses machine learning techniques on big data platform and builds a new way of features’ engineering and selection.





The model experimented three algorithms: Decision Tree, Random Forest, and Extreme Gradient Boosting “XGBOOST”. However, the best results were obtained by applying XGBOOST algorithm. The model gave good results and was deployed to the website.

Covid 19 Detection - Machine Learning May 2021 - May 2021

A deep learning based system that combines the CNN and LSTM networks to automatically detect COVID-19 from CT images. In the proposed system, CNN is used for feature extraction and LSTM is used to classify COVID-19 based on those features. The LSTM network has an internal memory that is capable of learning from imperative experiences with long-term states.

E-Library Management - Web Development Mar 2020 - May 2021

The E-Library Management has been designed to computerize and automate the operations performed over the information about the members, book issues etc.This computerization of library helps in many instances of its maintenances.

Developed features for the application and created a new landing page to smoothen customer experience E-library management Project using HTML5,CSS,Django,Python,Sql.

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| CERTIFICATIONS | | |
| CERTIFICATION | CERTIFYING AUTHORITY | DESCRIPTION |
| Web Development | MYCAPTAIN |  |
| Unsupervised Machine Learning for Customer Market Segmentation | Coursera |  |
| Interactivity with JavaScript | Coursera |  |
| Apache Spark (TM) SQL for Data Analysts | Coursera |  |
| Build & Deploy AI Messenger Chatbot using IBM Watson | Coursera |  |
| SQL (Basic) | Hackerank |  |
| Python | Hackerank |  |
| CSS | Hackerank |  |
| Problem Solving | Hackerank |  |



Member - Next Tech Lab

Sep 2020 - Present

POSITION OF RESPONSIBILITY



Health Precession Challenge Smart India Hackathon

Def Hacks Global 2.0

Mar, 2022

Nov, 2020

COMPETITIONS

Data + AI World Tour

Organized by: Databricks | Date: Nov 2021

Big Data Modernization Moves to the Cloud for Analytics and AI Organized by: Databricks | Date: Oct 2021

Using Databricks SQL for Analytics on Your Lakehouse Organized by: Databricks | Date: Oct 2021

CONFERENCES AND WORKSHOPS

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| SCHOLARSHIPS | |
| Performance Based Scholarship Jan 2022  Merit Based Scholarship Jun 2019 | |
| PERSONAL DETAILS | |
| Date of birth: 16 November 2000 | Father's name: Nandan singh Rawat |
| Permanent address:  418/4B, Shiv Cottage, Pragati Vihar, Haldwani, Uttarakhand, Haldwani,  Nainital, Uttarakhand, PIN - 263139 | Languages known: Hindi, German, English |
| Permanent contact number: 9548865354 | Nationality: India |
| Passport availability: Yes | |