

## RIYAN PAHUJA

riyan.pahuja4@gmail.com | Ph: +91 9899111199 | [LinkedIn](#) | [Medium](#) | [Portfolio](#)

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### EDUCATION

#### KIIT University

B.Tech in Information Technology | 8.76

2018-Present

- Class Representative for 3 consecutive years
- Served as the primal channel of communication between the faculty and peers
- Fulfilled monitoring formalities and took unanimous decisions on behalf of the class
- Appraise students of all updates received from the faculty and management of the school

#### Apeejay School, Sheikh Sarai

*12<sup>th</sup> Standard, CBSE (PCM Major)*

2018

- Studied Science as a major consisting of 3 major subjects (Physics, Chemistry and Maths)
- Received award of Excellence in Instrumental Music
- Recipient of annual full attendance award

2017-18  
2016-17

### WORK EXPERIENCE

#### HighRadius Corporation

*Techno-Functional Consultant Intern*

May 2021 - Present

- Analyzed account receivables to identify anomalies such as frequent defaulters of credit limits
- Collated replicable solutions for frequent defaulters of credit limits
- Handled large databases using MySQL
- Streamlined and automated collection module for clients with a large customer base such as PCAOB and Johnson and Johnson.
- Collaborated with a fast paced team of over 10 people consisting of team members from client side.

#### YourGiftStudio

*WordPress Developer Intern*

June 2020 - December

2020

- Designed in-house website wireframes
- Analyzed designs of competitor websites and created internal benchmarks for team to deliver internally
- Implemented design using Divi theme builder in WordPress
- Led a team of 4 interns and reported directly to the manager and marketing team with updates

#### Samsung R&D India (PRISM program)

*NLP developer*

Apr 2021 - October

2021

- Critically analyzed and summarized research papers for understanding of previous work in the domain
- Developed and implemented publicly available solutions to the problem
- Proposed solution using BERT transformer to achieve a MSE of 0.0227
- Solved contradictory command problem for model by text classification (accuracy = 81.1% on SICK Dataset)

### Research

#### Student Performance Classification (Research)

- Collected data through an online survey with highly target-oriented questions
- Compared different ML models such as logistic regression KNN, ANN, Gradient Boosting. etc recording an accuracy of 97.6% using Gradient Boosting classifier
- Research paper accepted in SCI-2021 conference

### PROJECTS

#### Handwritten Digit classification

- Built a CNN Model using tensorflow
- Tuned hyperparameters to obtain a 98% on test data
- Submission was ranked in the top 37% in Kaggle competition

#### Face Recognition for Student Attendance Using Python

- Integration of python face recognition library
- Developing student database for attendance using SQLite
- Connected face recognition module with database for attendance records

### **Portfolio Website**

- Developed a personal website using Bootstrap 4
- Incorporated 3rd party plugins for better site functionality

### **Appointment Scheduler Chatbot Using DialogFlow**

- Used intent, actions, and responses to create an appointment scheduler chatbot

## **COURSE CERTIFICATION**

### **Neural Network and Deep Learning | Coursera**

- Binary image classification using shallow and deep neural network

### **Complete Python Developer in 2021: Zero to Mastery | Udemy**

- Used API to build a system to check if a password is available on online repositories
- used python to encrypt and decrypt a file

### **Data Science micro courses | DataCamp**

- Revised basics of python and basic data handling libraries like Numpy and Pandas
- Deep dive into Machine learning, advanced concepts and applications
- Built a credit card application approval classifier

### **Front End Web UI Framework and Tools: Bootstrap 4 |Coursera**

- Built the front-end of a website using HTML, CSS, and Bootstrap 4
- Integrated advanced sections like Modals and Tabbed Navigation
- Achieved the 100% grade in final project evaluation (peer based)

### **Object Oriented Design |Coursera**

- Learnt about Unified Modeling Languages and its use cases in the industry
- Deep Dived into principles of design of object-oriented programs.
- Achieved a 93% overall percentage in the course

## **Extracurricular Activities**

### **Medium Blogger**

- Writer for Analytical Vidhya (India's largest data science community)
- Written several well recognized technical blogs

### **Behind the Screen Wing Head for TPH**

- Managed the social media team of the largest society of the university
- Visited Local NGOs to educated tribal children

## **SKILLSET**

Python, R, SQL, C | Sklearn, Matplotlib, Pandas, Numpy | PyCharm, VSCode, Eclips