

**ACADEMICS**

Course/Examination	Institution/University	Year of Passing	Performance
BTech(Computer Science)	Ajay Kumar Garg Engineering College(Gzb.)	Pursuing	8.5 CGPA (Till 5 <sup>th</sup> Sem)
CBSE (Science)	R.N.S Education Of World School(Jhansi)	2017	87%
ICSE	Rani Laxmi Bai Group Of Public School(Jhansi)	2015	86.66%

**PROJECTS**

- **SMART EDUCATION BOT** [June' 20]
  - Train a ML model for sentimental analyses of the student during the examination to send a detail analyses to the parents.
  - Used Transfer Learning for sentimental analysis, Recognizing numbers from 0 to 5 in sign language using fingers.
  - Trained a DL model using **Tensor flow** to recognize the No. by grouping the data into mini batch and using **Adam Optimizer**.
- **IOT based "Wildfire Prevention and Prevention" using Tensor flow, Keras, Pandas, Numpy, Scikit-Learn.** [Nov' 19]
  - Collected Real-time data of temperature, humidity, soil moisture and flame sensor by using **IOT** to predict the wildfire in the forest by training a model using **Random Forest Classification**. I have **created the dataset** as dataset was not available I have used **Computer Vision** to Detect the wildfire by using CNN using Tensor Flow and Keras.
- **10 Trending hash tags of twitter using Data mining and Spark by implementing word count.** [Aug' 19]
  - The project was based on the real-time analyzing and identified the top trending hash tags using big data tools Hadoop. I also used the socket programming between server and client for collection of data.

**WORK EXPERIENCE**

- **IsmileTechnologies(Internship)** [July-Oct2020]
  - Created a model to analyze the face and predict the person is corona positive in a project named as COVID-19 ANALYSER, Used flask as backend, deployed facial model on azure using CICD pipelines, Worked on js for accessing the camera for the facial model.

**SKILLS**

PYTHON	C++	HADOOP	PYSPARK	GIT/GITHUB	MACHINE LEARNING	DEEPLARNING	FLASK	COMPUTER VISION	IOT
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**POSITION OF RESPONSIBILITY**

- **Core Team Member of Big Data Center of Excellence, AKGEC** [Aug' 2019-Present]
  - Worked on Big Data Tools like **HADOOP, SPARK, KAFKA etc**, Conducted workshops on ML, internal **HACKATHON** to Motivate Juniors.
- **Core Team Member | Nature Club (V.E. Cell), AKGEC** [Oct 2019-Present]
  - Encourage students to plant trees by organizing events, Attended 7 days workshop of **Relationship, Noble truth**, Organized **Erudition' 20**
- **Core Team Member, Publicity Team | AKGEC** [Nov 2020-Present]
  - Responsible for publishing news on YouTube of AKGEC, Co-headed the marketing team to collaborate with societies to increase the visibility.

**EXTRA COURSES AND CERTIFICATION**

- Python Program Essential by Andrew Ng on Coursera.
- Courses and certification of **Neural Networks And Deep Learning** by Andrew Ng on Coursera.
- **BigData and Fundamentals of Machine Learning** by Google by using **Google Cloud Platform**.

**AWARDS & ACHIEVEMENTS**

- **1<sup>st</sup> position in Shankara Hackathon, 2021** awarded with cash price of **Rs.25,000(Smart Educational Bot)** [19<sup>th</sup> -20<sup>th</sup> Mar' 2021]
- **2<sup>nd</sup> position in ANVESHANA** awarded with cash price of **Rs.5,000 (Wildfire Prevention and Prevention)**
- **3<sup>rd</sup> position in National Conference Paper presentation** on the topic **"E-Textile"**.
- Certificate from **Indian International Science Festival, Kolkata**.

**EXTRA CO-CURRICULAR ACTIVITIES AND INTERESTS**

- **Indian International Science Festival Kolkata** [5<sup>th</sup> - 8<sup>th</sup> Nov'19]
  - Contributed to the Research and Development in the Project **"Wildfire Prediction and Prevention"**.
  - Attended a **"Global Indian Scientist And Technocrats Meet"**.
- **CHALLENGE ACI HACKATHON (GRIET) HYDERABAD** [11<sup>th</sup> -13<sup>th</sup> Oct'19]
  - Participated in the challenge ACI a 48 hours hackathon. We work on the project **"Wildfire Prediction and Prevention"**
- Attended a workshop conducted by **IIT DELHI** on the topic **"ETHICAL HACKING"**.
  - Learned the basic techniques used in ethical hacking like Cain&Abel, Virtual Machine, Reverse Engineering, Kon-boot.
- Volunteered to provide free education to the slum students by joining a **NGO "Slum Swaraj Foundation"**