

EDUCATION

2014-2018 **SHRI MATA VAISHNO DEVI UNIVERSITY** Katra,Jammu & Kashmir,India
Bachelor of Engineering in Information Technology
Data Structures, Algorithms, Operating Systems, Theory of Computation, Mathematics, Image Processing

WORK EXPERIENCE

02/2021-Present [**Varaisys Private Limited**](#)
Software Engineer

- Developed Analytics APIs such that it can process 40GB/day of data in realtime and update it in database.
- Developed Excel upload/download API in existing django project.

12/2020-02/2021 [**MyNextFilm**](#)
Software Engineer

Develop the system to create Video Json which takes a Script vector as input and automatically generate Video Json of all the characters & its location of every scene such that it can be used in automation of developing animation.

09/2019-09/2020 [**INTERVIEWBIT ACADEMY**](#)
BackEnd Developer Trainee

A Professional Bootcamp to teach the best software engineering practices.

- Problem solving,Advanced Data Structures and Algorithms.(solved 500 questions)
- **RANKED IN THE TOP 2% IN INTERVIEWBIT ACADEMY** (among 15,000 applicants)

07/2019-08/2020 [**APPLIED AI COURSE**](#)
ML Trainee

A Professional Applied ML Course aiming to solve real case studies.

- Learnt Machine Learning,Deep Learning,Deployment of ML models,Computer Vision
- Worked on real world case studies related to applications of NLP,Computer Vision,Deep Learning

ENGINEERING PROJECTS

March,2020 [**Amazon Food Product Reviews Analysis**](#)

- A sentiment classification problem,performed EDA to find the most valuable product and least rated product.
- Applied various NLP techniques:-Bag Of Words and TF-IDF.
- After BOW and TF-IDF to text data,performed sentimental analysis using various ML techniques.

May,2018 [**DRIVING FAST THROUGH DEEP TRAFFIC**](#)
UNDERGRADUATE PROJECT (advised by Dr. Baijnath Kaushik)

A project to maximize the learning of a self driving agent to drive safely in a simulated environment.

- Worked on Reinforcement Learning Algorithms e.g. Deep Q-Learning algorithm.
- Achieved an accuracy of 93% after 1000 runs.

ACHIEVEMENTS

2020 [**Secured a Global Rank of 644 out of 15396 in CodeChef's March Cook-Off Challenge**](#)

2017 **Secured Gold Medal in Open State Inter University Chess Championship 2017-18**

2016 [**Secured a Global Rank of 126 out of 1967 in 101 HackJune 2016 conducted by Hackerrank**](#)

2016 [**Secured a Global Rank of 468 out of 2146 in CodeChef's September Cook-Off Challenge**](#)

2016 [**Secured a Global Rank of 712 out of 6100 in CodeChef's April Long Challenge.**](#)

2014 [**RANKED IN THE TOP 1% IN JOINT ENTRANCE EXAMINATION -ADVANCED**](#)
(among 14,00,000 applicants)

SKILLS AND INTERESTS

CORE SKILLS: DATA STRUCTURES, ALGORITHMS, DBMS, SYSTEM DESIGN, MACHINE LEARNING, DEEP NEURAL NETWORKS, COMPUTER VISION

TECHNICAL SKILLS: C/C++, SQL, GIT, PYTHON, TENSORFLOW, KERAS, HTML, CSS,JAVASCRIPT,NUMPY,SCIPY,PANDAS,MATPLOTLIB,SEABORN