

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
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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.
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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)
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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