



Pratik Kumar

Bachelor of Technology
Electronics and Telecommunication Engineering
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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech.	National Institute of Technology, Raipur	7.28	2016-2020
Senior Secondary	DPS Bhilai, CBSE Board	87.4%	2016
Secondary	DPS Bhilai, CBSE Board	91.2%	2014

EXPERIENCE

- Bayer Cropsience** May 2019 - Jul. 2019
Data Science Intern Bengaluru
 - Developed web application based dashboard using python, Plotly and Dash.
 - Delivered actionable insights using interactive visualizations.
- ALTTC, BSNL** May 2018 - June 2018
Vocational Trainee Ghaziabad
 - Understood the aspects of communication and processing at BSNL.

PROJECTS

- Microstrip Patch Antenna Optimization** Nov. 2019 - Feb. 2020
Dr. Anshul Gupta / ECE Dept. NIT Raipur
 - Optimized design of Microstrip Patch Antenna using Quasi-Newton Optimization algorithm.
- Sentiment Analysis Web Application** March. 2020
Independent GitHub
 - Developed Web application to classify sentiments using AWS SageMaker, AWS Lambda and AWS S3 Bucket.
- Image Classification using Deep Learning** March. 2020
Independent GitHub
 - Used CNN architecture and transfer learning to classify images of dogs and their breed.
- Data Science Blogs and Kaggle Competitions** 2019 - present
Independent Web-page
 - Regularly writing about data science, deep learning and programming topics on personal web-page or Medium.
 - Regular Participation in kaggle competitions.

TECHNICAL SKILLS

- Programming:** Python, C/C++
- Domain:** Data Science, Machine Learning, Deep Learning
- Tools/Frameworks:** PyTorch, OpenCV, AWS SageMaker/Lambda/S3, Scikit-learn, Plotly-Dash
- Operating Systems:** Windows, Linux

KEY COURSES TAKEN

- Programming:** Python, C and C++
- Artificial Intelligence:** Deep Learning, Computer Vision, Neural Networks
- Data Science:** Feature Engineering, Data Visualization

POSITIONS OF RESPONSIBILITY

- Captain,** Football Team, NIT Raipur Apr. 2020 - Apr. 2020
- Head Coordinator,** SHAURYA Sports Club, NIT Raipur Apr. 2018 - Apr. 2020
- Design Head,** IEEE Students Club, NIT Raipur Apr. 2018 - Apr. 2019