



Pratik Kumar

Bachelor of Technology
Electronics and Telecommunication Engineering
National Institute Of Technology, Raipur

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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 Crop Science (Monsanto Holdings Pvt. Ltd.)** May 2019 - Jul. 2019
Data Science Intern Bengaluru
 - Developed web application based dashboard using python, Plotly and Dash.
 - Delivered actionable insights using interactive visualizations.

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.
- Deep Stylize Web Application** 2021
Independent Heroku App
 - Developed end to end deep learning application using Streamlit, PyTorch and Heroku.
 - Code Repo: <https://github.com/pr2tik1/deep-stylize-image/>

TECHNICAL SKILLS

- Programming Languages:** Python, C/C++, SQL
- Domain:** Development, Data Science, Machine Learning, Deep Learning
- Tools/Frameworks:** PyTorch, OpenCV, AWS SageMaker/Lambda/S3, Scikit-learn, Flask, Streamlit, Plotly, Dash, Git, Bash, Pandas, Matplotlib, Seaborn, Numpy, HTML, CSS, Markdown

CERTIFICATIONS

- AI Programming with Python Nanodegree:** Udacity
- Deep Learning Nanodegree:** Udacity

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