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, Streamlit, Plotly, Dash, Git, Bash, Pandas, Matplotlib, Seaborn, Numpy, HTML, CSS, Markdown

CERTIFICATIONS

- **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*