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

- **Sentiment Analysis Web Application** — *March. 2020*
  Independent — GitHub
  - Developed Web application to classify sentiments using **Python**, **AWS SageMaker**, **AWS Lambda** and **AWS S3 Bucket**.
  - Code Repo: github.com/pr2tik1/sentiment-analysis-webApp/

- **Image Classification using Deep Learning** — *March. 2020*
  Independent — GitHub
  - Used **Python** to develop **CNN** architecture and transfer learning to classify images of dogs and their breed.
  - Code Repo: github.com/pr2tik1/dog-classifier/

- **Maze Solver** — *April. 2020*
  Independent — GitHub
  - Implementation of A-star algorithm to search shortest path using **C++ programming language**.
  - Code Repo: github.com/pr2tik1/maze-solver/

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

DEVELOPER PROFILE

- **GitHub**: github.com/pr2tik1
- **Kaggle**: www.kaggle.com/pr2tik1
- **Blog**: pr2tik1.github.io/blog/

TECHNICAL SKILLS

- **Programming Languages**: Python, C, C++, SQL, Data Structures, Algorithms, OOPs
- **Area of Work**: Development, Deep Learning, Data Science, CV, NLP
- **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*