

Pratik Kumar

B.Tech(2016-2020)
Electronics & Communication Engineering
NIT Raipur, Chhattisgarh, India

DL-460, B-Block,
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Links

Webpage: pr2tik1.github.io
Github: [pr2tik1](https://github.com/pr2tik1)
LinkedIn: [pratik-kumar04](https://www.linkedin.com/in/pratik-kumar04)

Skills

OS

Linux/Ubuntu, Windows

LANGUAGES

Python, C++

FRAMEWORK

PyTorch

OTHERS

Markdown, git, Plotly,
Sublime Text, Anaconda,
AWS SageMaker, AWS Lambda,
Jupyter Lab, VSCode, Colab

Interests/Hobbies

Football, Drawing,
Photo-Editing(Photoshop),
Photography

MOOCs

Deep Learning Nanodegree- Udacity
ML , Neural Networks- Coursera

Education

2016-2020
B.TECH. IN ECE

NIT Raipur
CGPA : 7.28/10

2016
INTERMEDIATE

Delhi Public School, Bhilai, C.G.
Percentage: 87.4 %

2014
HIGH SCHOOL

Delhi Public School, Bhilai, C.G.
Percentage: 91.2 %

Experience

MAY-JULY 2019

Intern

Bayer Cropsience, Bangalore

Developed Web Application based dashboard with interactive visualizations delivering actionable insights.

Python, PostgreSQL, Pandas, Numpy, Scipy, Plotly, Dash-Plotly

MAY 2018

Intern

ALTTC, BSNL, Ghaziabad

Understood the aspects of communication and processing at BSNL also performed VHDL and Verilog coding.

VHDL and Verilog

Position of Responsibilities

2019-2020

Head Coordinator SHAURYA (College Sports Committee)

Managed team and coordinated events in the college sports festival SAMAR.

Football, Design Team

2019-2020

College Football Team Captain

Led college football team in various football tournaments(Inter NIT, Inter College Tournaments)

Projects

2019-2020

Microstrip Patch Antenna Optimization

Major Project

Optimized design of Microstrip Patch Antenna using Quasi-Newton Optimization algorithm.

2020

Sentiment Analysis Web Application

Independent

Developed Web application to classify sentiments using AWS SageMaker, AWS Lambda and AWS S3 Bucket.

2020

Image Classification using Deep Learning

Independent

Used CNN architecture and transfer learning to classify images of dogs and their breed.

2020

Data Science Case Study

Independent

Developed Insights and Visualizations using python graphing libraries to address the behaviour of developers for the years 2018-2019.

2018-2020

Kaggle and Online Competitions

Online

Participated in online competitions held by Kaggle like Advanced Linear Regression, Survival Prediction, Digit Recognizer and more.