KUMAR GAURAV

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EDUCATION

- **Bhilai Institute of Technology,**
                              Durg, C.G
      (Bachelor of Engineering in
      Electronics and Telecommunication)
        ~CGPA: 7.00/10(till 7th sem.)

- **Indian Public School,**
                        Madhubani, Bihar
      12th (Higher Secondary):
          ~ CBSE Board
          ~ 86.4% aggregate
      10th (Senior Secondary):
          ~ CBSE Board
          ~ CGPA: 10.00/10

SKILLS

- **Web Development**
    - Django framework
    - DRF(Django Rest Framework)
    - Django ORM
    - XAMPP(MySQL), PostgreSQL
    - React.js
    - React Redux
    - AJAX, axios
    - Git
    - HTML, CSS, Bootstrap
    - Session&Token BasedAuthentication

- **Data Science**
    - Python
    - Numpy, Matplotlib, Scikit-Learn,
     MS-Excel, NLTK, OpenCV
    - Algorithms : logistic regression,
    naive bayes, nearest neighbour, SVM,
    Decision Tree, Random Forest, k
    means clustering, hierarchical
    clustering

STRENGTH

- Team Player
- Team Leader
- Confidence

LANGUAGES

- Hindi
- English

WORK EXPERIENCE

Genpact India (as Intern)
Data Science (from 01.07.2019 to 15.11.2019)
     - **Behavior Based Call Routing using ML and its Django based UI**
Full stack development & ML (from 10.12.2019 to 10.03.2020)
        - **E-commerce Housing Website**:
         : Includes two ML APIs (one for giving estimated price of
         Property to Seller other one is Recommendation System for buyer)
         : Django with DRF as Back-end & React with Redux as Front-end
           with authentication systems.

PROJECTS

- **College TechnoHub Club Website**
    ~ under Django Framework of Python (link: *www.technohubbit.in*)
- **Tip-Talk text reader**
    ~ using Image Processing and text to speech conversion.
- **Face and Smile Detector**
    ~ through webcam with opencv library of Python
- **Biped Robot**
    ~ using arduino and Servo Motors
- **Gesture and bluetooth based home automation**
    ~ using arduino,accelerometer sensor and bluetooth module
- **Traffic light System using seven segement display and arduino**
- **RF Module based Wirlesss data bit transmission**
- **Proximity sensor**
    ~ using IR transceiver & LM358 IC .
- **Smart vehicle number plate recognition system**
    ~ using image processing in Python & accessing ip-webcam
- **LASER Light communication system**
    ~ laser as transmitter and LDR as receiver with LM386 as amplifier
- **Water Level alarm**
    ~ using 555 timer IC
- **Analog to Digital Coverter**
    ~ using IC741

CO-CURRICULAR ACTIVITIES/ ACHIEVMENTS

- President and Founder, TechnoHub Club,BIT,Durg
- Team leader and Organiser of a technical event in Techfest
  ,BIT ,Durg
- Merit Certificate of 1st position in Project Competition organised by
  PAC Club , BIT, Durg
- Merit Certificate of 2nd position in Robotics Coding Competition
  organised by RoboKart
- Designed logo for official newspaper of BIT,Durg
- Member of Photography Club,BIT,Durg
- Member of Bullet-Force Team in Techfest ,BIT,Durg
- Sports Captain of Ruby House at school ,IPS,Madhubani