

# Mohit Gupta

## Software Engineer

Portfolio ✉ guptamohit1504@gmail.com ☎ +91-8860497035 in LinkedIn G G Github M Medium

### SKILLS

Python | Django | C  
NodeJS | Git | ExpressJS  
JavaScript | Firebase  
Leadership | Time Management  
Canva | React | PostgreSQL  
MySQL

### EDUCATION

**B.Tech, Electronics and Communication Engineering**  
**9.342 CGPA, Dr. Akhilesh Das**  
*Gupta Institute Of Technology And Management* ✉  
08/2018 – 07/2022 | Delhi, India

**Senior Secondary (XII), Science, 86%,**  
*Anglo Sanskrit V.J. Sr Sec School*  
2017 – 2018 | Delhi, India

**Secondary (X), Science, 92.15%,**  
*Anglo Sanskrit V.J Sr Sec School*  
2015 – 2016 | Delhi, India

### COURSES

**MOOC: Software Foundation Course, e-Yantra, IIT-Bombay** ✉  
04/2021 – 05/2021

**AWS Cloud Practitioner Essentials,**  
*Amazon Web Services* ✉  
2021 – 2021 | Delhi, India

**AWS Fundamentals: Going Cloud-Native, Coursera** ✉  
2021 – 2021 | Delhi, India

**Django 3 Web development, Udemy**  
06/2020 – 07/2020 | Delhi, India

### ACHIEVEMENTS

**Academic Achievement, Top 5 in College, Top 10 in University Toppers**

**Top 10 Finalist, IIITD Ideathon**  
06/2021 – 06/2021

**Embedded ECDC 2021, Techkriti, IIT Kanpur**  
01/2021 – 03/2021 | Delhi

### PROFILE

GATE CSE 2021, Qualified final year Btech student skilled in full-stack web developer with proficiency in databases and back-end development using web Frameworks like Django, NodeJS, Express JS. Experienced in working with Django, and REST frameworks. Skilled in team management, leadership, always keeps my work organized and well oriented, always tries to finish the tasks before deadline, experienced in working multiple tasks with the same deadline.

### INTERNSHIPS

**Research & Development Intern, e-Yantra, IIT Bombay** ✉  
06/2021 – 08/2021

- Built a full-fledged web portal for Radiologist 2nd Opinion from scratch.
- Worked alone on this project under the guidance of two mentors.
- Learn about Radiology, DICOM, PACS server, Cron jobs, etc.
- Build a subscription-based model for training videos, and paid content.
- Used Django, DRF, python, Jinja, Redis, PostgreSQL, AWS SNS, EC2 for deployment.

**Botlab Dynamics, IIT Delhi** ✉  
2021 – 2021 | Delhi, India

- Learn about drone Technologies, working on the website of Botlab Dynamics.
- Work on DigitalOcean, WordPress

**Web Developer Intern, Houseitt** ✉  
05/2020 – 08/2020 | Delhi, India

- **Remove bugs** from their existing web platform, improve models, and build logic for publishing/uploading new property from the user account.
- Major task is to handle the **blog section** of the firm. Created the backend of the blogs, create dynamic meta-tags for SEO optimization, and populate slugs for blog URLs.
- Learn to work on GitHub, and make contributions using git and GitHub.
- Multi-tasked across multiple functions and roles to generate project results and meet deadlines and organizational expectations.

**Django Developer Intern, Techprodigy** ✉  
03/2020 – 07/2020 | Delhi, India

- Worked on a client based project "**mystudybuddy.co.in**". A web based learning platform for students.
- Major task is to implement and add general **QnA forum** and **Razorpay payment gateway** for seamless transactions using Django web framework.
- Collaborated with quality assurance team to verify correct implementation of all development changes.

### PROJECTS

**InvestoPay** ✉  
08/2021 – 09/2021

- The goal of investoPay is to make investment easy and part of daily life.
- When a user pays at a restaurant, he/she just misses that one rupee and gives it as a tip, what Investopay does is invest that 1 rupee in stocks.

Stack: Fusion APIs, Nodejs, MongoDB, Expressjs, Ejs, Axios

**Medster** ✉  
03/2021 – 05/2021

- Medster was a take on, defining a new set of workings for OPD insurance for the masses.
- Medster used technology and synchronization b/w three parties in the transaction, i.e Consumer, Doctor, Insurer to ensure a smooth end-to-end UX.

**GATE CSE 2021 Qualified.,**  
*IIT Bombay*  
02/2021 – 02/2021 | Delhi, India

**Github Code Innovation Challenge, Hackathon**  
2021 – 2021 | Delhi, India

**Top 50 in ZetaHacks-2021,**  
*among 6000+ teams*  
2021 – 2021 | Delhi, India

**Honda Hackathon 2020,**  
*Hackathon*  
2020 – 2021 | Delhi

**30 Days of Google Cloud Program, Google**  
12/2020 | Delhi, India

**Smart India Hackathon 2020,**  
*Hackathon*  
2020 – 2020 | Delhi, India

**Razorpay FTX hack 2020,**  
*Hackathon*  
2020 – 2020 | Delhi, India

**Rotary Youth Leadership Award, Interactor Leader Award**  
2017 – 2017 | Delhi, India

## ARTICLES

**A Simple RESTful API using Nodejs & PostgreSQL | Medium**  
10/2021 – 10/2021  
[Read the article here](#)

**Introduction to DICOM & its Viewers | Medium**  
10/2021 – 10/2021  
[Read the article here](#)

**5 Important PostgreSQL functions | Medium**  
10/2021 – 10/2021  
[Read the article here](#)

**Smart Parcel Scanning and Sorting System**  
01/2021 – 03/2021

- A Hybrid autonomous system for smart and secure management of parcels and their deliveries at railway stations.
  - Integrated with Machine Learning, QR-code scanning, and reading.
  - My part in this project is to build the whole web interface and to make APIs, integrate them with Reactjs frontend.
  - Also integrated with real-time parcel tracking using leaflet.
  - This project helped us win India's biggest hackathon, Smart India Hackathon.
- Stack:** Python, raspberry pi-3, metal detection, machine learning, computer vision, RFID, Reactjs, DRF.

**Health Check Ledger**  
11/2020 – 02/2021

- A machine learning-based web portal, built using Django and python.
- A System that predicts analyzes, and maintains the record of diabetes and other diseases of users at home.
- Uses OpenCV to predict Malaria from the images of Insect bites, Pneumonia from the images of Lung X-rays.
- Integrated with Twilio SMS services.
- After every 10 days, the system takes the average patient diabetes level and compares it with the prescribed level, if it is more, then an automatic suggestion will be sent to the patient regarding the diagnostic visit.

**Stack:** Machine Learning, Django, OpenCv, HTML, CSS, JavaScript, PostgreSQL.

**MyStudyBuddy**  
03/2020 – 07/2020

- An Online Education platform for students which provides all necessary content through notes, videos, QnAs.
- My role in this project is to build the user authentication system, integrating the payment gateway.
- Second major task is to make the QnA forum for the Website.

**Stack:** Django, PostgreSQL, AWS, Apache, Nginx, HTML, CSS, JavaScript

## PUBLICATIONS

**Improvement in Semantic address matching using NLP,**  
*2nd INCET 2021- Sponsored by IEEE Bangalore Section*  
05/2021

**Citation:** V. Gupta, M. Gupta, J. Garg and N. Garg, "Improvement in Semantic Address Matching using Natural Language Processing," 2021 2nd International Conference for Emerging Technology (INCET), 2021, pp. 1-5, doi: 10.1109/INCET51464.2021.9456342.

## POSITION OF RESPONSIBILITY

**ROBOGYAN, Software Lead (Development)**  
2021 – 2022

- Manages the development team of society.
- Helping to manage the website of the society.
- Participated in many hackathons on behalf of Robogyan and contributed to the college and society.

**CodeChef, Live the Code 2021, Mentor**  
09/2021 – 10/2021

- Participated as a mentor in a global hackathon organized under Codechef Chapters.
- Mentor 10+ teams during the project submission phase.
- Evaluate the ideas and shortlist the teams for the next round.

**Electronics and Communication Department, ADGITM, Editor in Department Magazine**  
2021 – 2021