

Mohit Gupta

Software Development Engineer

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M Medium ↻ LeetCode 📍 Delhi, India

GATE CSE 2021 (431), GATE CSE 2022 (468), certified final year B.Tech student talented in research and development with database and back-end development knowledge. Constantly keeps my work organized and well-organized always attempts to complete jobs before the deadline and has expertise in working on several tasks within the same deadline.

AREA OF INTEREST: Data Engineering, Operating Systems, Computer Architecture, IoT, Computer Vision, and Networking

EDUCATION

2018 – 2022	B.Tech, Electronics and Communication Engineering 9.530 CGPA <i>Dr. Akhilesh Das Gupta Institute Of Technology And Management</i>	Delhi, India
2017 – 2018	Senior Secondary (XII), Science, 86.00% <i>Anglo Sanskrit V.J. Sr Sec School, Central Board of Secondary Education</i>	Delhi, India
2015 – 2016	Secondary (X), General, 92.15% <i>Anglo Sanskrit V.J Sr Sec School, Central Board of Secondary Education</i>	Delhi, India

INTERSHIPS

Feb 2022 – May 2022	Software Development Engineer Intern <i>Tata Consultancy Services, India</i> <ul style="list-style-type: none">• Learning and working on the concepts of data warehousing systems.• Writing scripts for Type-II, Type-III Slowly Changing Dimensions, Staging from a .csv file from the local system, and validation checking scripts from the staging table.• The technology used: Python, SQL, Snowflake, OOPS	Delhi, India
Jun 2021 – Aug 2021	Research & Development Intern <i>e-Yantra Labs, Indian Institute of Technology, Bombay</i> <ul style="list-style-type: none">• Built a full-fledged web portal for Radiologist 2nd Opinion from scratch.• Learn about Radiology, DICOM, PACS server, Cron jobs, etc.• Used Django, DRF, python, Jinja, Redis, PostgreSQL, AWS SNS, EC2 for deployment.	Delhi, India
May 2020 – Aug 2020	Web Developer Intern <i>Houseitt</i> <ul style="list-style-type: none">• 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.	Delhi, India

PROJECTS

Jan 2022 – Apr 2022	Smart Parcel Scanning and Sorting System <ul style="list-style-type: none">• A system for smart and secure management of parcels and their deliveries at railway stations.• My part in this project is to build the whole web interface and to make APIs, integrate them with Reactjs frontend.• This project helped us win India's biggest hackathon, Smart India Hackathon. Stack: Python, raspberry pi-3, machine learning, computer vision, RFID, Reactjs, DRF.
May 2021 – Jun 2021	CoWin: Command Line based Chat Bot <ul style="list-style-type: none">• Python CLI-based chatbot for booking vaccine slots. Stack: Python, Socket Programming, Web Scraping, CLI
Mar 2021 – May 2021	Medster <ul style="list-style-type: none">• 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.

Mar 2020 – Jul 2020

MyStudyBuddy, An Online Learning Platform

- 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

Feb 2022

Designing an Intelligent Parcel Management System using IoT & Machine Learning

IEEE IAS GlobConET 2022

Status: Accepted. Not published yet

May 2021

Improvement in Semantic address matching using NLP

2nd INCET 2021- Sponsored by IEEE Bangalore Section

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

2021 – 2022

ROBOGYAN: Software Lead (Development)

- Participated in many hackathons on behalf of Robogyan and contributed to the college and society and manages the development team of society.

Sep 2021 – Oct 2021

CodeChef, Live the Code 2021: Mentor

- Participated as a mentor in a global hackathon organized under Codechef Chapters.

SKILLS

| **Languages:** Python, C, SQL, HTML, JavaScript | **Frameworks:** Django, Django REST, ReactJs

| **Databases:** MySQL, PostgreSQL, Snowflake, Firebase | **Tools:** VScode, Github, Sublime, PyCharm, Postman, Canva

| **Operating Systems:** Windows, Ubuntu | **Cloud:** AWS (Basics)

ACHIEVEMENTS

- Winner Smart India Hackathon 2020

- Embedded ECDC 2021 3rd Position

- Top 50 Teams ZetaHacks 2021

- Top 8 Finalist in Razorpay FTX Hackathon 2020

- Winner Code Innovation Series by Github

- Top 10 Teams in IIITD E-cell Ideathon 2021

- Winner Honda Hackathon 2020

- Rotary Youth Leadership Award 2017