

# Divyanshu Sharma

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## EDUCATION

### KIET Group Of Institutions, Ghaziabad

Bachelors of Technology in Computer Science and Engineering

Aug 2019 - June 2023

CGPA: 8.27/10.0

## PROFESSIONAL EXPERIENCES

### Software Development Engineer Intern (Full Time)

Jan 2023 - Apr 2023

Inspose | Remote

- **Technologies:** Python, FastAPI, Socket.IO, NodeJs, MongoDB, Docker, and AWS(Amazon Web Services).
- **Role:** Collaborated seamlessly with fellow interns and engineers to formulate streamlined solutions for intricate projects, leading to the creation of microservices
- **Impact:** Played an integral role in enhancing the company's application, elevating its functionality from 20% to 80% by implementing highly efficient and resilient microservices.
- Configured Nginx for server optimization, resulting in a 30% reduction in response times and a 40% increase in server capacity.
- Containerized the backend with Docker, improving portability, scalability, and resource isolation while reducing deployment time by 50%.
- Built CI/CD pipelines with Jenkins, streamlining software development and deployment workflows, reducing lead times by 60%.

### Python Developer

Sept 2022 - Nov 2022

Freelancing - Python Developer | Remote

- **Technologies:** Python, Flask, Docker, and AWS(Amazon Web Services).
- Automated 90% of manual script work, optimizing operational efficiency and reducing manual intervention.
- Engineered and deployed REST APIs, leading to a 40% improvement in data retrieval and system integration efficiency.
- Successfully managed data across 7 different database types, ensuring seamless and consistent database operations.

### Backend Developer Intern

Feb 2020 - May 2021

KIET ERP, Ghaziabad

- **Technologies:** Python, Django, React, MySQL, Git, Database
- Collaborated on live PORTAL with 7,000+ active users, including students, faculty, and staff.
- Designed APIs for a result visualizer, enabling comprehensive student performance analysis.
- Created a notification module for streamlined group management, email scheduling, and email template management.
- Developed task automation scripts, reducing manual workload by 30% and enhancing overall efficiency by 40%.

## PROJECTS

### Hospital Management System (GitHub Link | Live Link)

July 2023

Technologies: Django, MySQL, HTML, CSS, Javascript

- **Engineered and constructed** a robust web portal to serve the unique needs of patients, doctors, and administrators.
- Achieved a 30% reduction in appointment errors by optimizing patient appointment scheduling.
- Improved the efficiency of managing patient medical reports, resulting in a 40% reduction in report retrieval time.

### Autotyper (GitHub Link)

Feb 2022

Technologies: Python, Tkinter, FAST Api

- **Developed** a Windows desktop application for autotyping on websites with copy-paste restrictions, benefiting debugging and code testing on platforms like Moodle and HackerEarth contests.
- The application also offers remote access for typing simulation, providing versatility and convenience.

## TECHNICAL SKILLS

- **Programming Languages:** C++, Python
- **Technologies:** Django, MySQL, AWS(Amazon Web Services), Docker, Nginx, Linux, Git, Github

## ACHIEVEMENTS

- **Mentor** at 3 Day Seminar of Git & Github trained 60+ students (link)
- Cleared 2 rounds of Facebook Hackercup'22 (link) and Finalist of Tech Gig Code Gladiator'21 & 22
- Second Runner up in GirlScript Skillathon'21 (link)
- Solved **1000+** Questions on **DSA** (Data structures and Algorithms) on various platforms.
- Core Member of KIET KODERS KORNER (link)