

# KUNAL NAGARKOTI

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## Skills

- Python | HTML | CSS | Django | Relational Database (MySQL) | Git | GitHub | Bootstrap
- Google Cloud Platform | Cloud Computing | CI/CD | Basic Data Structure | Deployment | Web Development
- Problem Solving | Team Management | Self-learning | Presentation | Communication | Adaptability | Collaboration

## Projects

### Employee Management system

[Source Code](#) [Live](#)

- Engineered a cutting-edge employee management solution utilizing Django, enabling efficient tracking and seamless collaboration; reduced administrative workload by 30% and increased employee management by 25%.
- Utilized HTML, CSS, and Bootstrap to design a modern and clean user interface with a user-friendly experience.
- Implemented CRUD operations (Create, Read, Update, Delete) for seamless data management and manipulation.
- Developed a portable and scalable Docker image of the Django application using Docker, simplifying deployment across various platforms and reducing deployment time by 40%.
- **Technology Used:** Backend (Python, Django), Frontend (HTML, CSS, Bootstrap), Docker, Git, GitHub.

### VIBGYOR-2023 (TECHNO-CULTURAL Fest website)

[Source Code](#) [Live](#)

- Ensured a user-friendly design by using my UI/UX and coding skills, catering to the college community's needs
- The website received overwhelming feedback, resulting in a 30 percent increase in student engagement during the event
- **Technology Used:** HTML, CSS, Git, Bootstrap.

### Todo List (Web Application)

[Source Code](#)

- Developed a todo list app using Python Django, implementing CRUD operations for easy task management.
- Utilized the Plotly library to create an interactive dashboard with visually appealing charts and graphs.
- Implemented features to add, edit, mark as completed, and delete tasks from the todo list.
- **Technology Used:** Backend (Python, Django), Library (Plotly), Frontend (HTML, CSS, Bootstrap), Git, GitHub.

## Experience/ Volunteer

### BIO VISION DEPARTMENT E-MAGAZINE

Associate Editor

09/2022 - 08/2023

- Collaborated on the design and layout of the magazine, resulting in a 20 percent increase in reader engagement.
- Transformed raw articles into engaging pieces by editing for clarity and style, receiving positive feedback from readers and authors.
- Led brainstorming sessions, fostering a creative and collaborative editorial environment with the editorial team.

## Education

### Bachelor of Technology

IMS Engineering College

Ghaziabad, India

08/2020 - 6/2024

- Major in Biotechnology and Engineering

### Intermediate

CBSE

Pithoragarh, India

2020

## Responsibility / Achievements

- **Patent Published:** FIELD OF INVENTION:- BIOMEDICAL ENGINEERING (08/2023)  
**TITLE OF INVENTION:** AI/ML Based disease prediction system with personal health data management and sharing capabilities
- **Event Coordinator:** VIBGYOR-2023, IMSEC, Ghaziabad
- **First Award:** Secured top place in the business plan presentation during the AAGHAAZ-2022 Inter-College Management Fest. (05/2022)
- **First Award:** Achieved 1st place in the Ad-Zap Competition during the AAGHAAZ-2022 Inter-College Management Fest (05/2022)
- **Runner-up:** Achieved the second position in the virtual video presentation contest held at IMSEC, Ghaziabad. (08/2021)

## Certification

- **Google Cloud Digital Leader Training:** Google Cloud | Coursera [🔗](#) (11/2023)
- **Python Essentials 1:** Cisco Networking Academy [🔗](#) (06/2022)
- **Programming Foundations with JavaScript, HTML and CSS:** Duke University | Coursera [🔗](#) (04/2022)
- **Programming for Everybody:** University of Michigan | Coursera [🔗](#) (12/2021)