Prakhar Pratap
Male

Contact Information
Phone : +91 9628592867
Address : 70 Sindhi Housing Society, Indira Nagar 208026
Email : prakharpratap2001@gmail.com
Linkedin : http://linkedin.com/in/prakharpratap

EDUCATIONAL QUALIFICATIONS

B.Tech. **Computer Science** - 2023	BBD Institute of Technology and Management, Lucknow	67%
Class XII, CBSE - 2019	Woodbine Gardenia School, Kanpur	71%
Class X, CBSE - 2017	Woodbine Gardenia School, Kanpur	91%

TECHNICAL SKILLS

Python(Flask, Django, REST API, FastAPI, Pandas, Numpy, Matplotlib**), C/C++, SQL, DBMS(**MongoDB, Postgres, SQLite3**), HTML5, CSS,** Postman**, Docker, Git,** Tableau, MS-Office

INTERNSHIPS

Data Analyst Intern, Propelsys Software, Hyderabad	2022

- Conducted detailed analysis of sales data using Python 3.x (**Pandas**, **Numpy**, **Matplotlib**) to present meaningful insights and **automated** data extraction and cleaning processes, reducing data preparation time by 30%.
- Executed detailed statistical analysis and incorporated visualization techniques to create actionable **Tableau dashboards**, improving team productivity by 30% and reducing manual reporting efforts by 25%.

PROJECT WORK

Python Development	**Drowsiness Detection System**	*Github*
	- Engineered a **Tensorflow** model for Drowsiness Detection, potentially reducing accidents by 40%. - Enhanced image recognition system accuracy to 91.8% through the strategic application of **OpenCV's** image processing library. - Introduced innovative safety technologies and protocols in road infrastructure and critical industries.	
Web Development	**CodeBot**	*Github*
	- Developed code bot with **Django** web framework, integrating **OpenAI's GPT-3.5 API** for code correction, while using **HTML5, CSS and Bootstrap** for the frontend. - Engineered a robust framework supporting comprehensive **CRUD operations** and implemented a fully functional login page, resulting in a 40% reduction in user authentication issues.	
Backend Dev	**Advanced REST API**	*Github*
	- Designed scalable **REST APIs** using **Python**, **Flask**, and **Docker**, with comprehensive authentication features; improved data integrity by 35% and decreased development cycle time by 25%. - Secured user registration and authentication using **Flask** and **JSON Web Tokens**, reducing unauthorized access attempts by 50%. - Optimized database queries for a 40% reduction in response time using **SQLAlchemy (ORM).**	
Coding Skills	- Solved 500+ problems on **Leetcode**, achieving Top SQL 50 and 100 Days Badge. - Demonstrated advanced expertise in **Python 3.x** and **Django** through 40+ **GitHub** projects; created 50+ reusable web components using **JavaScript**, **HTML**, and **CSS**, cutting development time by 40% with **Neovim**.	

CERTIFICATIONS & TRAININGS

Python Programming, *Internshala* Acquired expertise in Python programming, SQLite 3, and GUI creation with PyQT.	2022
Integrating Python, SQL and Tableau, *Udemy* Skills in Data Manipulation, Analysis and Visualization for enhanced business insights.	2022
Python Django, *Udemy* Skilled in building robust and scalable web applications with focus on efficient back-end development.	2023
Pandas Essential, *Linkedin Learning* Solidified proficiency in data manipulation and analysis using the Pandas library for effective decision-making.	2023
Data Structure, *Udemy* Algorithms, Data Structures and performance analysis.	2022

EXTRA-CURRICULAR ACTIVITIES

House Prefect	**Woodbine Gardenia School Kanpur** (2017- 2019)	
	Supervised house participation and activities technical and cultural events. - Counselled a group of **300+ house students** and maintained vigilance during student movements.	
Content Writing	- Transcribed articles and conducted **workshops on blood shortage** and awareness for Khoon NGO. - Completed a 1-month training as a **content writer in the marketing team** for Yugam Navridhi foundation.	
Social Service (Khoon NGO)	- Organized the Mega Blood Donation Camp with **500+ donations** in collaboration with Red Cross Society. - Created an online database of **100+ active blood donors** across Lucknow.	
Interests	- Researched cutting-edge developments in **OpenAI** and **Metaverse**, strategically adopted relevant innovations. - Reading non-fiction books and playing football.	