

ANSHUL KUMAR

PYTHON DEVELOPER

CONTACT

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SKILLS

- Python
- MySQL
- Flask
- Django
- Web Scraping
- MongoDB
- Celery
- Rest API

EDUCATION

S.D College of engg. and tech.

Bachelor of Technology

2020-2024

- Acquiring proficiency in Database Management Systems (DBMS) and Object-Oriented Programming (OOP) concepts.
- Collaborated on a college project involving team management and project presentations.

Ducat Noida

Web Development

2022-2023

- Acquire knowledge of web application database schemas for performance and data integrity. Develop full-stack applications using Flask, Django, HTML, CSS, MongoDB, SQL, Celery, and Redis.

Saraswati Vidhya Mandir

Secondary School

2016-2020

PROFILE

Being a Python developer with a Computer Science degree, my motivation stems from my passion for learning and fostering innovation. Throughout my internship spanning six months, I refined my skills in building web applications (using Django and Flask), developing data analysis tools, and crafting automation scripts (leveraging multiprocessing and web scraping techniques). My diverse project portfolio includes a crawler for Flipkart/Amazon, a train status application, and a face recognition project, showcasing my adaptability and eagerness to explore domains. I am excited to utilize my Python expertise to make a contribution in an environment!

WORK EXPERIENCE

Backend Developer

VakilDesk Pvt. Ltd.

2023-24

- During my 6-month internship at VakilDesk Pvt. Ltd., I refined my expertise in full-stack development by constructing practical web applications utilizing specific technologies and projects. Proficiency in Python allows me to adeptly manage intricate data manipulations, automate tasks, and integrate APIs seamlessly.
- My adeptness in Django and Flask enables the creation of scalable and well-maintained web applications with structured backends and user-friendly interfaces. Competency in MongoDB and SQL facilitates proficient handling of both relational and non-relational databases, ensuring data integrity and efficient data retrieval.
- Experience with Celery and Redis equips me to design and execute asynchronous task queues and caching mechanisms to enhance application performance. Proficiency in multiprocessing and multithreading enables me to optimize code for parallel execution, improving application responsiveness and handling concurrent requests effectively.
- A comprehensive understanding of REST APIs and web scraping empowers me to seamlessly integrate external data sources and services into my projects.

PROJECTS

TrainTransit: Real-time Train Tracking App (Flask, MongoDB)

Project Link: <https://mytrain.onrender.com/>

2024-24

My Role: Backend Development (API Development, Data Handling, User Management)

- Collaborated with a team to develop a web app for real-time train tracking and booking using Flask, HTML, CSS, JS, MongoDB, and the requests module.
- Successfully implemented APIs to fetch live train data (availability, location).
- Built a user-friendly interface using AJAX to dynamically display train information on the webpage.
- Integrated MongoDB for secure user data storage and management, including login system and personal search history.
- Developed a user panel for account management and past train searches
- This project demonstrates my ability to collaborate effectively, contribute to a complex web application, and handle backend development tasks like API development, data handling, and user management.

PRIYANKA PUHAL

WEB DEVELOPER

CONTACT

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priyankapuhall@gmail.com

Nagal Saharanpur

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SKILLS

- Python
- JavaScript
- MySQL
- Mongo DB
- React JS
- HTML
- CSS

EDUCATION

Indraprastha Institute of Management and Technology.

Bachelor of Technology

2019-2023

- Acquiring proficiency in Database Management Systems (DBMS) and Object-Oriented Programming (OOP) concepts.
- Collaborated on a college project involving team management and project presentations.

Ducat Noida

Web Development

2023-2024

- Acquire knowledge of web application database schemas for performance and data integrity. Develop full-stack applications using Django, HTML, CSS, MongoDB, SQL, React JS .

UP Board Allahabad

Secondary School

2017-2019

PROFILE

As a web developer holding a Computer Science degree, my drive comes from a deep love for learning and promoting innovation. Over the past six months, I have honed my abilities by creating web applications with Tkinter, data analysis tools, and crafting automation scripts that utilize multiprocessing and multi tasking techniques. My latest project involves a Banking Management System, highlighting my flexibility and curiosity to venture into new fields. I am eager to apply my development skills to make a meaningful impact in a new setting!

DATABASE NORMALIZATION TECHNIQUES

Mongo DB and SQL

2023-24

- Database utilization and optimization
- Understanding data modeling and schema design
- Normalization techniques
- Denormalization strategies
- Indexing for query performance
- Shard key selection for scaling
- Partitioning data for management
- Document design patterns in MongoDB
- Entity-relationship modeling
- Versioning and evolution mechanisms

PROJECTS

Banking Management System (Tkinter, SQL)

My Role: Backend Development (GUI Development, efficient database utilization) 2024-24

The Banking Management System is a Python project that simulates the basic operations of a bank, such as creating accounts, depositing and withdrawing money, transferring funds, and checking balances. The project uses Python's built-in data structures, such as lists and dictionaries, to store and manipulate the data of the customers and the transactions. The project also uses Python's flask module to create a graphical user interface (GUI) that allows the user to interact with the system.

- The Banking Management System project in Python showcases the essential functionalities of a bank.
- It utilizes Python's inherent data structures like lists and dictionaries to manage customer data and transactions efficiently.
- The project incorporates Python's flask module to develop a user-friendly graphical interface for seamless interaction.
- The system enables users to perform tasks such as account creation, deposits, withdrawals, fund transfers, and balance inquiries.
- By leveraging Python's capabilities, the project offers a practical and interactive simulation of banking operations.