

PANKAJ KUMAR

PROGRAMMER || SOFTWARE ENGINEER



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Technical Skills

- **Programming Languages:**
C++, Python, PHP, JavaScript, Go
- **Frameworks and Libraries:**
Laravel, React, Django, Flask, Express.js
- **Database Management:**
MySQL, Redis, Elasticsearch, MongoDB, Database Design and Optimization
- **Messaging and Real-Time Communication Technologies:**
Apache Kafka, RabbitMQ, WebSocket
- **Tools and Technologies:**
Git & GitHub, Docker, Ansible, K8s, Linux, Selenium
- **Software Development:**
Agile & Scrum methodologies, Test-Driven Development, Continuous Integration/Continuous Deployment (CI/CD)

Soft Skills

- Strong problem-solving abilities
- Effective communication and teamwork
- Time management and multitasking
- Adaptability and quick learning

Education

- **Bachelor of Technology in CSE**
From JS university shikohabad, Pursing
- **Polytechnic in CSE**
From Government leather institute Agra (BTEUP) with 80.1 % in 2022
- **Highschool**
From JS College of Science & Arts (Up Board) with 83.3 % in 2018

Professional Summary

Software Engineer proficient in Python and JavaScript, with a strong command of various databases. Demonstrated expertise in Kafka and RabbitMQ messaging systems. Specializes in leveraging advanced OOP principles to craft robust solutions, always committed to continuous learning and problem-solving.

Training & Certificates

• PYTHON DEVELOPMENT

Completed of 1 months Summer Training on "Python programming" from Softechno Institute, Agra under Custody of Mr. Umesh Chandra during my diploma journey.

Projects

- Snake Game with Python
- Car racing Game with Python
- Keylogger with Python
- Group Chat System with MERN
- Ai Assistant App with React Native

Professional Experience

• Cloudshope Pvt. Ltd. Noida, Software Engineer August 2022 - Present

- Conducted research and development to unblock team members. performed code reviews.
- Implemented object-oriented programming principles and meticulously crafted code for efficient algorithms, leveraging top-tier database solutions.
- Oversaw process re-engineering, improving service processes and communication flow, and implemented robust debugging practices.
- Optimized Kafka producers and consumers to streamline server communication and event streaming across multiple servers, resulting in reduction in data latency and improved system reliability.
- Implemented FastAPI, Flask, and various Python scripts to facilitate Bulk Voice Call, IVR, AutoDialer, and other functionalities.
- Developed real-time chatbot features using WebSockets.
- Expertly orchestrated Docker and Ansible for seamless deployment, integrated ELK stack for comprehensive server monitoring, and established robust CI/CD pipelines with automation
- **Awards and Recognition**
Recipient of the prestigious 'Technocrat of the Year' award, recognized six times as 'Performer of the Week,' with two accolades each for 'Helping Hand' and 'Process-Oriented of the Week'.

Declaration

- I hereby declare that all the statement made in the above application in correct to the best of my knowledge.

PANKAJ KUMAR