

Kavya Kulshrestha

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EXPERIENCE

DreamFolks Private Limited

April 2024 - Present

Software Developer I

- Developed and maintained scalable **web applications** for internal and client-facing platforms, improving overall system efficiency and user experience by **30%**.
- Implemented **server-side search**, sorting, and filtering using **DataTables** and **AJAX**, resulting in a **40% reduction in data load time** and smoother real-time data handling.
- Designed and optimized complex **SQL queries**, enhancing **reporting, analytics**, and **API performance** by **25%**.
- Contributed to **code refactoring**, introduced **caching strategies**, and performed **database optimization**, leading to a **35% improvement in scalability** and reduced query latency.
- Collaborated in backend **feature development** and **REST API integration**, ensuring data consistency, maintainability, and improved **deployment reliability** by **20%**.

PROJECTS

Face Recognition System

Developed an efficient and accurate **facial recognition system** capable of identifying and verifying individuals in **real-time** using **Python** and **OpenCV**. Focused on achieving high accuracy through optimized image preprocessing and face detection algorithms.

Text-to-Text Translator

Created a basic **language translation web application** using **HTML, CSS, and JavaScript** that converts text from one language to another through integration with translation APIs, providing a simple and interactive interface.

Student Marks Prediction

Built a **predictive model** using **Python** and **machine learning algorithms** to anticipate students' future academic performance based on their past achievements. Focused on improving accuracy and reliability through effective data preprocessing and regression analysis.

SKILLS

Programming Languages: Python, JavaScript, PHP, SQL

Frameworks & Libraries: React Js, Redux, Bootstrap, Laravel, Pandas, AJAX

Web Development: HTML, CSS, JavaScript, API Integration

Core Computer Science: Data Structures, Algorithms, Operating Systems, DBMS

Databases & Tools: MySQL, Redis, Postman, AWS, Docker, Git, Jira, VS Code

Other Skills: Version Control, Debugging, Team Collaboration

EDUCATION

Pranveer Singh Institute of Technology, Kanpur

2020 – 2024

Bachelor of Engineering - Computer Science and Engineering

CGPA: 8.65 / 10.0