AKSHAT GUPTA

GITHUB | PORTFOLIO | LINKED IN | a.akshat903@gmail.com | 9170756181

SKILLS

- **JAVASCRIPT | HTML | CSS | SQL | C++ | JAVA | PYTHON**
- **TAILWIND | GIT | GITLAB | JWT | REST API | API DEPLOYMENT | BOOTSTRAP | DJANGO | DJANGO - REST FRAMEWORK | FLASK | FAST-API**
- **MONGODB | SQLITE | POSTMAN | NOSQL | API | OAUTH | MYSQL | MS EXCEL | VS CODE**
- **BACKEND DEVELOPMENT | PROBLEM SOLVING**

EDUCATION

Bachelors of Technology   **SRM Institute of Science and Technology**   **CGPA: 9.28**   **2020-2024**

- Pursuing **Computer Science and Engineering** from SRM Institute of Science and Technology with **CGPA of 9.28.**

La Martiniere College   **2014-2020**

- Completed my highschool and intermediate from Delhi Public School with a **percentage of 87.83% and 77.8%.**

PROJECT

Authentication Api   **API**   **Github Source Code**   **Hashnode Blog**

- **Technology Stack:** The Authentication API project is built using Python and Django Rest Framework.
- **Postman Testing:** Extensive testing has been conducted using Postman to ensure robust functionality.
- **Custom User Model:** Instead of relying on the built-in user model, the project utilizes a custom-built user model for added flexibility.
- **User Registration:** Users are added based on email, name, acceptance of terms and conditions, and a secure password.
- **Access Control:** Only users with the 'is_admin' role have database access, enhancing security and efficiency.
- **JWT Token Security:** Account verification and password reset functionalities are secured using JWT tokens sent via email.
- **High Security Standards:** The project implements high-security measures, ensuring the confidentiality and integrity of user data..
- **Database Management**: The Authentication API project utilizes SQLite as its database management system, providing a lightweight and efficient solution for data storage and retrieval.

Employee Management System   **API**   **Github Source Code**

- **Technology Stack:** Developed using Python and Django Rest Framework.
- **Testing Methodology:** Comprehensive testing conducted in Postman.
- **Workload Management:** Efficiently handles corporate office workload with CRUD operations for employees.
- **Frontend Design:** Utilizes HTML, CSS, and Bootstrap for an aesthetically pleasing frontend.
- **Backend Focus:** Primarily focused on building an efficient and robust backend system.
- **Database Management:** Employs SQLite for effective storage of employee details.
- **Security Measures:** Highly secure system storing employee information like name, email, phone number, department, job location, role, and join date across three tables: Employee, Department, and Role.

Todo App Backend   **API**   **Github Source Code**   **Hashnode Blog**

- **Description:** The Todo App is a Flask-based web application for efficient task management that utilizes MySQL for database storage.
- **Features:** Users can add, view, update completion status, and delete tasks on their todo list.
- **Backend:** Employs Flask as the server framework and MySQL for robust data storage and management.
- **API Testing:** Postman is used for comprehensive API testing, ensuring seamless interactions between the client and server.
- **Validation:** Enforces 'application/json' Content-Type for data integrity in requests.
- **Responsive Design:** Implemented using Semantic UI for a visually pleasing and mobile-friendly interface.
- **Technology Stack:** Flask, MySQL, HTML, Semantic UI, JavaScript Fetch API.
- **Purpose:** Demonstrates Flask's capabilities, database integration, and client-server interactions in a practical todo list application with robust testing using Postman.

CERTIFICATIONS

- **HTML, CSS and JavaScript for Web Developers - Johns Hopkins University (Coursera).**
- **API - Meta Back-End Developer Professional Certificate (Coursera).**
- **Database Structures and Management with MySQL - Meta Database Engineer Professional Certificate (Coursera).**
- **Problem Solving Basic Certificate (HackerRank).**
- **Python Basic Certificate (HackerRank).**
- **SQL Basic Certificate (HackerRank).**

ACHIEVEMENT

- **4 Star in Problem Solving on HackerRank.**
- **5 Star in C++ on HackerRank.**
- **4 Star in Python on HackerRank.**
- **5 Star in SQL on HackerRank.**
- **Participated in a 24 hour hackathon called 'HackHound' organized by 'MLH (Major Hacking League)' in SRM Institute of Science and Technology. Build a Full Stack Web Application called 'SpaceBytes'.**