AMIT SINGH

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Projects

- **Transcription Application using React.js and Flask**

  UI: https://github.com/saavranAmit/keypoint-generator-ui
  Server: https://github.com/saavranAmit/keypoint-generator- service

  Implemented a transcription web application using React.js and Flask, showcasing strong full-stack development skills. This project involved creating a user-friendly platform for converting audio files into text, providing a seamless experience for both uploaders and transcribers.

  Key achievements and responsibilities include:

  - **Frontend Development:** Designed and developed the user interface using React.js, ensuring an intuitive and responsive user experience
  - **Backend Development:** Leveraged Flask, a Python micro web framework, to build the server-side of the application. Developed RESTful APIs for audio file processing and transcription tasks, ensuring efficient data flow and communication between the frontend and backend.
  - **Database Integration:** Utilized a relational database (e.g., SQLite) to store user accounts, transcription requests, and completed transcriptions. Implemented data models and established secure data storage and retrieval processes.

- **Blog App using React.js and Flask**

  Source code: https://github.com/saahib003/readit-blog

  Key achievements and responsibilities include:

  - **User Authentication:** Implemented secure user registration and login functionality to allow users to create and manage their blog posts.
  - **Blog Post Creation:** Users can create, edit, and delete their blog posts through an intuitive and user-friendly interface. Markdown support allows for rich content formatting.
  - **Database Management:** Implemented a database schema to efficiently store and retrieve user information, blog posts. Utilized SQLAlchemy for ORM.
  - **Backend API:** Created a RESTful API using Flask to handle data communication between the frontend and backend, ensuring efficient data retrieval and storage.

Education

Mangalmay Institute of Engineering & Technology   *2019 - 2023*
- Bachelor of Technology (Computer Science & Engineering)
- CGPA: 7.01

Skills

- Programming Languages: Python
- Web Development: HTML, CSS, JavaScript, React.js, Express.js
- DBMS: MySQL, MongoDB
- Data Structures and Algorithms: Array, Linked list, Stack, Queue, Tree
- Object Oriented Programming(OOPs)

Social Links

GitHub : https://github.com/saavranAmit/
LinkedIn : https://www.linkedin.com/in/saahib003/