Prabudh Kumar

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GitHub Profile
LinkedIn Profile

SOFTWARE DEVELOPER

An enthusiastic software developer with a good management skills. Passionate for creating efficient and user-friendly applications. Experienced in building full-stack web applications using the MERN stack. Having a good understanding of data structures and algorithms, demonstrated by proficiency in DSA using C++. Also familiar with Python and NLP libraries such as Gensim and NLTK and data analysis tools such as LDA, GSDMM, and bi-gram. Continuously looking to work with good organization and improving technical skills.

TECHNICAL SKILLS

Languages : C, C++, Python, JavaScript, HTML, CSS, EJS

Frameworks : React.js, Express, Node.js, Mongoose, Bootstrap, JQuery

Libraries : JWT, Bcrypt, Material-UI, EmailJS

Databases : MongoDB, MySQL

Python Tools : LDA, GSDMM, Docx, Gensim, Nltk, Matplotlib

Dev Tools : Visual Studio Code, Pycharm, Jupyter, Git, GitHub

EDUCATION

Jaypee Institute of Information Technology, Noida
B.Tech - CSE *2020 – 2024*

Vanasthali Public School
Higher Education - CBSE *2020*

PROJECTS

Food Book *{ Link }*

- An online food ordering MERN stack website which also maintains the user's order history.
- Implemented JWT for authentication that allows the user to remain logged in for 12 hours.
- Used Bcrypt to secure the password while storing it into the database.

Topic Extraction using python *{ GitHub Repo }*

- Extracting topics from the question paper of college exams as well as 10th science exam.
- Extracted question from the word/docx file using docx library.
- Preprocessed the extracted question using genism and NLTK.
- Applied LDA and GSDMM along with bi-gram also, to extract the topics.
- Used u_mass method to calculate the coherence of the result and WordCloud to present the outcomes.

Todo List *{ Link }*

- A web platform for storing and organizing tasks in the form of text.
- Different pages can be created dynamically just by entering the path name after the URL.
- Used EJS to maintain a consistent template across all the pages.
- Implemented NodeJs, Express and mongoose for the backend server.
- Integrated MongoDB database for storing and managing the information.

Cab Pooling for an organisation - C++ *{ GitHub Repo }*

- Unknown people in the same organization, going in the same direction might end up taking different cabs, causing extra cost and pollution.
- Asking the departure time and location from the user and pooling them accordingly and calculating cost.