Lekhit Borole

20bcs064

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MAJOR PROJECT

- **Amazon like books recommender website (Bouk)- "**Your Interests First"
  *built with **Next Js** framework,**Google MUI**,**React js, Express, MongoDB** for front-end.*
  - ➔ **live Deployed link https://bouk.vercel.app**
  - ➔ GitHub link **https://github.com/lekhit/book-rem**
  - ➔ User friendly **Screen adaptable** interface
  - ➔ Supports **Full text search**
  - ➔ **Auth Integrated** customized user experience

- **Book recommender ML model "**Brain behind the scenes"
  built with **Sk-Learn, Pandas, Numpy, K-Nearest Neighbor(KNN) Algorithm, Cosine-Similarity**
  - ➔ **live Deployed link https://replit.com/@lekhitborole/rem4#main.py**
  - ➔ GitHub link https://github.com/lekhit/book-rem-back
  - ➔ **NLP based** recommendation system
  - ➔ **Context based model** to consider wider user interests
  - ➔ **Spatial compression** using Sparse matrix**.**

SKILLS

- **Languages:** Python [Expert], JavaScript [Expert], SQL [Expert], Dart [Intermediate], Java [Intermediate], C++ [Beginner]
- **Frameworks:** (JavaScript) [ReactJS, NextJS]. (Python) [Django, Flask, FastAPI], (Dart) [Flutter], (ML) [Scikit-learn, Tensorflow]
- **Tools:** Git, Google MUI, Atlas Mongo, MySQL, ORM (Object Relational Model), Docker, Remote Dev Environment.
- **Data Structures & Algorithms:** Linear Data Structures [Arrays, linked lists], Trees, Graphs, Sorting algorithms, Graph algorithms

ACHIEVEMENTS

- **Google fooBar challenge [Invite Based Contest]**
- **Contributed Website, Algorithms to Hacktoberfest DigitalOcean.**
- **Hacker rank 5 star for SQL and Python.**
- **Global rank 58 on codechef in starters 24.**
- **Hosted video based learning website.**
- **API: Discord, Github, Telegram.**

EXPERIENCE

- **College management system**
  built using google FLutter
  - ➔ Will help in saving valuable time.
  - ➔ Helping save natural by moving from paper to digital mode of record keeping
- **Entrepreneurship cell [ECELL],** National Institute of Technology, Hamirpur
  Executive of Innovation and Technology **SEP 2021 – PRESENT**
  - ➔ Automated Mailing process using Google Apps Script reducing mailing team from three member to single person manageable improving mailing time from three days to 5 minutes
  - ➔ Active member in organizing events, Startup Internship Program [SIP], Student StartUp Program [SSUP].
- **Election Management System**
  built using JAVA Swing Framework
  - ➔ Accurate, real time data collection.
  - ➔ Untamperable Encrypted System, ensuring fair elections.
  - ➔ Unbiased result, zero human interference.

EDUCATIONAL QUALIFICATIONS

Undergrad:	National Institute of Technology, Hamirpur	Dec 2020 – Present	8.63
Class XII:	Dayanand Anglo Vedic School (DAV), Pune	Mar 2019	95.0 %
Class X:	Fravashi [ICSE] Academy, Nashik	Mar 2017	94.6 %

- **MonK bot - "**Wisdom just one-click Away"
  built with python and discord API, hosted on replit
    - → Helps in maintaining a positive Server environment.
    - → Always available, ensuring no member feels alone.
- **Notes - "**Better Organized"
  *built with **ReactJS, Google MUI, NextJS with Mongo [NoSQL]** database*
    - → Personalized Open Source Notes app ensuring maximum flexibility
    - → Get your notes anywhere, anytime, any device.

- **Ed-HUB - "**Education free as Freedom"
  built using the Django framework, SQLite database hosted on replit.
    - → *Provides public domain videos in an organized way to users.*
    - → *Dedicated resources for domain specific learners.*