

Aryan Shekhar

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GitHub: <https://github.com/aryanShekhar14>

PROJECTS

CHIT-CHAT

ReactJS, NodeJS, MongoDB Atlas, Socket IO, Express, Render

June 2023

- Implemented password hashing with bcrypt.js to store passwords securely, boosting data security and reducing the possibility of unauthorised access.
- Added Socket IO real-time messaging functionality, enabling users to have real-time chats with other signed-in users.
- Incorporated group chat functionality, allowing users to organise and take part in group discussions, encouraging cooperation and teamwork.
- Implemented real-time notification feature to keep users informed about new messages, enhancing the overall user experience.
- Link: <https://chit-chat-84zh.onrender.com>

WikiScrap

Python, Jupyter Notebook, OMDb API, BeautifulSoup

May 2023

- A web scraping project to build an extensive database of films produced by a production house, gathering crucial information like release date, box office, running duration, etc. from their individual Wikipedia pages.
- Used libraries like BeautifulSoup and Pandas, to automate the extraction of movie data from several web pages, leading to considerable time savings and enhanced data accuracy.
- Incorporated the OMDb API, allowing for the extraction of crucial metrics like IMDb and Rotten Tomatoes ratings for each film, boosting the database with measuring scores for improved analysis and comparison.
- Link: https://github.com/aryanShekhar14/wiki_scrap

Untitled Notebook

ReactJS, NodeJS, MongoDB, Express

May 2022

- Implementation of CRUD operations led to smooth creation, editing, and deletion of online notes.
- Using the login and sign up capabilities, user authentication and authorisation were achieved, guaranteeing secure access to private notes.
- Passwords were hashed and securely stored in the MongoDB database using the bcrypt.js library, resulting in the implementation of strong password security mechanisms.
- Link: https://github.com/aryanShekhar14/untitled_notebook

SKILLS

Technical Skills

Java, ReactJS, NodeJS, MongoDB, MySQL, HTML, CSS, Javascript

Soft Skills

Time Management, Problem Solving, Active Listening, Adaptability

Languages

English, Hindi and French

EDUCATION

Vellore Institute Of Technology, Vellore, Tamil Nadu

BTech Computer Science and Engineering

CGPA: 8.31

2020-2024

Amity International School, Sector-46, Gurugram, Haryana

Class 12th, CBSE, PCM

Percentage: 95%

2019-2020

Amity International School, Sector-46, Gurugram, Haryana

Class 10th, CBSE

Percentage: 93%

2017-2018

LEADERSHIP

SkillShip Vellore

Core Committee Member

Feb 2021-Feb 2022

As part of the Management team, successfully utilised advertising strategies to engage participants and promote events on social media platforms.

CERTIFICATIONS

Microsoft Certified: Security, Compliance, and Identity Fundamentals

Microsoft

July 2023

Azure AD, Compliance, IdAM, Microsoft 365, Cloud Security

Introduction to Cybersecurity

Cisco

May 2023

Cybersecurity, Network Vulnerabilities, Privacy, Threat Detection

JPMorgan Chase & Co. Software Engineering Virtual Experience

Forage

June 2023

Financial Data, Python, Git, Financial Analysis, Web Application