

# SHUVOJIT KOLEY

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## EDUCATION

<b>Jalpaiguri Government Engineering college</b> <i>Bachelor of Technology in Computer Science &amp; Engineering</i>	CGPA:8.34(upto 6 <sup>th</sup> sem) <i>Expected:2024</i>
<b>Ramakrishna Mission Shilpamandira</b> <i>Diploma In Mechanical Engineering</i>	CGPA:8.7 2021
<b>Howrah Zilla School</b> <i>12/Higher Secondary in Science</i>	Percentage:77.8% 2018
<b>Balitikuri Muktaram Dey High School</b> <i>10/Secondary</i>	Percentage:84.57% 2016

## PROJECTS

### Movie Recommendation System [Jan' 2023-Feb'2023]

- Used **NumPy**, **Pandas**, **Streamlit**, **Jupyter Notebook**, and **Heroku** to build a movie recommendation system.
- Worked with the complex and extensive **TMDB Data set(Kraggle)** to create this personalized system.
- Built the system using **collaborative filtering techniques** for accurate and personalized recommendations.
- Deployed system on **Heroku** to increase accessibility and scalability.
- Created user-friendly interface with **Streamlit** to give input and receive personalized recommendations.

### Blockchain Based Online Voting System [Apr' 2023-May'2023]

- Independently designed and developed a secure blockchain-based voting system using **Node.js**, **Solidity**, and **HTML**, **CSS**, **SQL**.
- Implemented Ethereum smart contracts for automated and rule-enforced voting on a **decentralized application**.
- Integrated **MetaMask** for improved user accessibility, facilitating secure transactions on the **Ethereum network**.
- Utilized **Genache** for local development, allowing for real-time observation of contract creation and block generation during the testing phase.
- Established a database to manage critical voting data, optimizing data retrieval and storage processes for improved performance.

## SKILLS

- **Programming Languages:** Python, C/C++, Java, **SQL**.
- **Technologies/Frameworks:** NumPy, Pandas, React, OpenCV, Streamlit, Pytorch, scikit-learn, **Block-chain**.
- **Development Tools:** Visual Studio Code, Git, GitHub, **Jupyter Notebook**, Autocad, Pycharm.
- **Coursework:** Database Management Systems (DBMS), Data Structures and Algorithms (DS&A) Object-Oriented Programming (OOP), Compiler Design, Operating System.

## ACHIEVEMENT

- Secured **314** rank in JELET (2021) exam.
- Solved 300+ problems on [leetcode](#)/ [Gfg](#)/ [Codeforces](#)/ [Hacker rank](#).
- SVMCM scholar.

## COURSES & CERTIFICATIONS

• <a href="#">Problem Solving (Basic)</a>	• <a href="#">Problem Solving (Intermediate)</a>
• <a href="#">Supervised Machine learning: Regression and classification</a>	

## EXTRA-CURRICULAR ACTIVITIES

<b>Cultural &amp; sports</b>	<ul style="list-style-type: none"><li>• Participated in Inter college Volleyball tournaments.</li><li>• Organised Inter school Quiz competition.</li></ul>
<b>Hobbies</b>	<ul style="list-style-type: none"><li>• Travelling, Cricket, Web-series, Movies.</li></ul>