



# Amartya Kumar

To secure a position that leverages my organizational skills, educational background, and collaborative abilities to contribute effectively to team success and organizational growth.



GitHub



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## EXPERIENCE

### NSS-BMU | SOCIAL MEDIA LEAD

August 2024 – Current | Kapriwas, Haryana

- Led the social media strategy and execution to enhance the digital presence of NSS BMU, a government initiative promoting community service and social welfare.
- Managed content creation, scheduling, and engagement across platforms to effectively communicate organizational activities and campaigns.
- Collaborated with team members to plan events and publicize initiatives, achieving higher engagement and volunteer involvement.

## PROJECTS

### CONTENT-BASED MOVIE RECOMMENDATION SYSTEM | STREAMLIT, PYTHON, TMDB

API

2024

- Built an interactive movie recommendation platform using Streamlit with content-based filtering and similarity matrices.
- Integrated TMDB API for fetching movie metadata and visually appealing posters, displayed in a responsive grid layout.
- Processed the TMDB 5000 Movie Dataset (Kaggle) to provide personalized movie suggestions in real-time.

### WOOGLDOCS - COLLABORATIVE DOCUMENT EDITOR | REACT, MONGODB,

SOCKET.IO

2025

- Developed a Google Docs clone enabling real-time collaboration with multiple users editing the same document simultaneously.
- Integrated Quill editor for rich text editing with features.
- Utilized Socket.IO for real-time synchronization of changes across connected users.
- Implemented periodic saving using MongoDB to ensure data persistence and reliability.
- Built a responsive frontend with React and a robust backend with Node.js and Express.

### CHAT APP - REAL-TIME MESSAGING PLATFORM | REACT, TYPESCRIPT, STREAM

2025

- Built a chat application with features like secure user authentication, real-time messaging, and channel management.
- Integrated Stream's Chat SDK for seamless real-time messaging and dynamic channel creation.
- Leveraged TypeScript for enhanced code reliability and React for building a scalable frontend architecture.

## LICENSES & CERTIFICATIONS

- **Machine Learning**, Zero To Mastery Academy, Jun 2024
- **DSA with C++**, Pregrad, Feb 2024
- **DSA with Java**, Apna College, Feb 2024

## SKILLS

### PROGRAMMING LANGUAGES

C++ • C • Java • Python  
JavaScript • TypeScript

### LIBRARIES/Frameworks

React • Node.js • Streamlit • Next.js  
Android Studio • Numpy • Pandas  
Matplotlib • Socket.IO

### TOOLS/PLATFORMS

Google Colab • Jupyter Notebook • MongoDB  
PyCharm • Git • GitHub • VS Code  
Replit • Figma • Canva • Botpress

## EDUCATION

### BML MUNJAL UNIVERSITY

BACHELOR'S IN COMPUTER SCIENCE

Aug 2023 - Present | Kapriwas, Haryana

School of Engineering  
Technology

Cum. GPA: 8.28

### PACE JUNIOR SCIENCE COLLEGE

11TH - 12TH

May 2020 | Navi Mumbai

PCM: 63.33 • PCB: 72.67

## ACHIEVEMENTS

- 360+ Leetcode problems
- 6th place SIH'24

## INTEREST/HOBBIES

- Medical Applications of Computer science
- Data Structures