

# Swastisunder Badatya

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 swastisunder

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## SUMMARY

Full-Stack MERN developer skilled in React.js, Node.js, and MongoDB. Focused on building clean, responsive UI and scalable web apps. Currently exploring Python and AI/ML.

## SKILLS

- **Backend:** Node.js, Express.js, REST APIs
- **Frontend:** React.js, JavaScript, Tailwind CSS
- **Database:** MongoDB, MySQL
- **Tools:** Git, GitHub, Streamlit, Netlify, Render

## PROJECTS

### Nivaas – Airbnb-style Listing Platform

Oct 2025 - Nov 2025

Tech Stack: **Node.js, Express, MongoDB, EJS**

- Live Site: <https://nivaas-bvbq.onrender.com/>
- Built full **CRUD** system for **listings, reviews, and user accounts**
- Integrated **MongoDB Atlas** and **authentication**
- Implemented **server-rendered UI** with **EJS templates**
- Deployed on **Render** with environment-based configuration

### CineScope – Movie Explorer Web App

Aug 2025

Tech Stack: React.js, Tailwind CSS, React Router, TMDB API

- Live Site: <https://cine-scop.netlify.app/>
- Designed and developed a full-featured **movie discovery platform** with advanced **search, filtering** (genre, director, actor, production, rating), and **sorting** options.
- Implemented **pagination** for smooth navigation and efficient handling of large movie datasets.
- Built detailed **movie pages** showing posters **dynamically fetched from TMDB API**, overview, release year, cast, and metadata.
- Developed **reusable React components** to ensure code scalability and maintainability.
- Added **fuzzy search** to handle partial queries, improving **user experience**.
- Applied **responsive UI design** with **Tailwind CSS** for a smooth experience on desktop, tablet, and mobile.
- Deployed the application on **Netlify** with **GitHub** integration, ensuring **automatic live** updates on every code push.

### MoviesMate - Movie Recommender System

Dec 2024 - Feb 2025

Tech Stack: **Python, Streamlit, MySQL, Pandas, Pickle**

- Built a **personalized recommendation** engine using **content-based filtering** with precomputed **similarity** matrices derived from movie datasets.
- Implemented user **authentication** system with **login/signup** and **session management** using **MySQL**.
- Stored user **search history** in a database to refine recommendations and improve personalization over time.
- Designed a **multi-page navigation system** (Home, Movies, Genres, About Us) using **Streamlit** sidebar for smooth interaction.
- Enhanced UI with custom CSS, grid layouts, and interactive widgets, making the app **user-friendly** and engaging.
- Incorporated data preprocessing with **Pandas** and trained models using **Pickle** for fast retrieval.

## EDUCATION

### Atmanand Saraswati Science College

2021 - 2025

B.Sc. Computer Science - 8.55

### Shree Gurukrupaa Vidhya Sankul

2020 - 2021

XII (Science, GSEB)