

Suraj Omar

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EDUCATION

GLA University (8.57 CPI)

Bachelor of Technology

Mathura, UP

Aug. 2021 – May 2025

Subhash Smarak Inter College (79.12 %)

Intermediate

Kanpur, UP

Aug. 2020 – May 2021

Subhash Smarak Inter College (78.17 %)

High School

Kanpur, UP

Aug. 2018 – May 2019

EXPERIENCE

Machine Learning Training

June 2023 – August 2023

CODING BLOCKS PRIVATE LIMITED

Pitampura, New Delhi

- Mastered fundamental Machine Learning algorithms and applied them to real-world datasets.
- Conducted data preprocessing, feature engineering, and model evaluation to enhance predictive accuracy.
- Collaborated on capstone projects, developing practical solutions and presenting analytical insights.

PROJECTS

Pen & Pixels – A Blog Application | *Ejs, CSS, NodeJS, ExpressJS, MongoDB*

Apr 2024 – Jun 2024

- Created a blog application using Express.js, Node.js, EJS, Tailwind CSS, and MongoDB to perform content-based filtering, access control, and membership upgrades for four different user types: Elite Reader, Elite Writer, Premium Reader, and Premium Writer.
- Engineered a lively backend duo with Express.js and Node.js, smoothly synchronized with MongoDB for data storage. Fashioned an inviting user interface using EJS and Tailwind CSS, unveiling effortless user roles and intuitive access control.

Mega Mart – An E-Commerce Platform | *Ejs, CSS, NodeJS, ExpressJS, MongoDB*

Feb 2024 – Mar 2024

- Engineered a versatile E-Commerce platform where users seamlessly transition between roles as sellers and buyers. Implemented features like product lifecycle management, content-based filtering, and refined cart functionality.
- Leveraged Node.js, Express, EJS, and CSS to craft a resilient backend with dynamic content rendering and intuitive interface. From streamlined navigation to secure authentication, every detail was meticulously designed for an enhanced user experience.

Flick Pick AI - A Movie Recommendation Application | *Python, Flask, Html/css*

Oct 2023 – Nov 2023

- Created a personalized movie recommendation system by analyzing the TMDB dataset, demonstrating expertise in content filtering and data-driven insights for improving user experiences.
- Leveraging Python and Pandas, I delved into the TMDB dataset, exploring and preprocessing it with precision. Employed advanced techniques like user-based and item-based filtering to enhance movie recommendations, culminating in a sleek web app powered by Python, machine learning, and Flask.

TECHNICAL SKILLS

Languages: Java, Python, HTML, CSS, JavaScript, NodeJS

Frameworks: Express

Databases: MongoDB, MySQL

Developer Tools: Git-hub, Visual Studio, PyCharm, Eclipse, Google Colab

Libraries: ReactJs, Tailwind CSS, Pandas, NumPy, scikit-learn

APIs: RESTful API

ACHIEVEMENTS

- Solved a total of 700+ DSA questions on different platforms.
- 1800+ rating on Leetcode.
- Java certification by Hacker Rank
- Python certification by Hacker Rank
- Problem-solving certification by Hacker Rank
- Certification of Master Data Management by TCS iON