

Swastik Roy

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EDUCATION

Ramakrishna Vivekananda Mission Vidyabhawan

Secondary Education, 2019, 89%

Kolkata

Jan 2007 – Mar 2019

Ramakrishna Vivekananda Mission Vidyabhawan

Higher Secondary Education, 2021, 82.8%

Kolkata

Jun 2019 – Mar 2021

Hooghly Engineering & Technology College

B.Tech in Computer Science & Engineering, 2025, CGPA – 8.36

Kolkata

Jun 2021 – July 2025

SKILLS

- **Languages:** Java, SQL, HTML, CSS, JavaScript
- **Framework:** Pandas, Numpy, Scikit-Learn
- **Tools:** Excel, PowerPoint, MySQL
- **Platforms:** Visual Studio Code
- **Web-Technologies :** React.js , Tailwind CSS , HTML ,CSS, Javascript
- **Soft Skills:** Communication, Leadership, Creative, Learner.

PROJECTS

TASK-HIVE- Employee & Task Management System

July 2025

Solo Project || React.js || Tailwind CSS

□ Developed a responsive task management web app using React.js and Tailwind CSS. Implemented Admin & Employee dashboards with role-based views.

□ Built features for task creation, assignment, and tracking across states (New, Active, Completed, Failed). Utilized React Context API for state management and Local Storage for data persistence. Focused on creating a clean UI/UX with dynamic updates and real-time task status visualization.

FAKE NEWS DETECTION USING MACHINE LEARNING

Jun. 2024 – Mar. 2025

Team-Lead(Group Project) || ML || NLP || TF-IDF || Logistic Regression

□ Developed a Fake News Detection System using Logistic Regression, implementing the solution with Python and libraries such as scikit-learn and NLTK, to accurately classify news articles as legitimate or fake.

□ Pre-processed and prepared data by performing text cleaning, tokenization, and feature extraction using TF-IDF vectorization, ensuring high-quality inputs for model training. Trained and fine-tuned a Logistic Regression model, achieving an accuracy of 95% on the test dataset, demonstrating the model's effectiveness in identifying misinformation.

PORTFOLIO WEBSITE

Aug. 2024

Solo Project || HTML || CSS || JS

□ Designed and developed a dynamic portfolio website using HTML, CSS, and JavaScript, showcasing projects and skills with an interactive, user-friendly interface to enhance personal branding. Implemented responsive design principles and optimized website performance, ensuring compatibility across devices.

ACHIEVEMENTS

- Certified in **Joy of Computing Using Python, NPTEL** with **Elite + Silver Rank**.
- Completed courses in data structures, algorithms, and software design.
- Led my group in completion of the Machine Learning Project.