

Saptarshi Bhattacharya

bhattacharyasaptarshi2001@gmail.com

CSE Undergrad who is involved in various domains like Data Science & Analytics and Blockchains.

7439753613

3 star (max 1640) [CodeChef](#) and 120+ Problems solved on [LeetCode](#).
Interested in Data Science, ML, Cloud, and Web 3.0.

Kolkata, India

[linkedin.com/in/sbk2k1](#)

EDUCATION

B.Tech in Computer Science and Engineering

Kalyani Government Engineering College

07/2020 - Present

GPA - 9.79

High School Education

WWA Cossipore English School

04/2018 - 04/2020

96%

SKILLS

Problem Solving

Data Structures

Algorithms

Java

Git/GitHub

Python

Tableau

Data Science

Flask/ Streamlit

MERN

Javascript

Heroku

TensorFlow

EDA

CV

NLP

Blockchain Basics

WORK EXPERIENCE

Data Science Intern Contelligenz

07/2022 - Present

Contelligenz provides AI-powered tools to create a successful content strategy and deliver a personalized content experience

Achievements/Tasks

- Building Data ETL Pipelines for pre-processing using SageMaker pipelines and S3 as a Data Lake
- Building Content Metadata Enrichment using In-house Content Database
- Working to create Ensemble Models for an implicit Recommender System

Backend Developer Coursenator

01/2022 - 04/2022

New Delhi

Coursenator is an EdTech organization aiming to get the best quality education to online learners

Achievements/Tasks

- Developed and maintained code for the Website including creating functionalities like login using third party services and search engine.
- Optimized search times and data retrieval times by almost 6 times.
- Worked on ML applications for contextual text correction and text suggestion, and course recommendation.

VOLUNTEER EXPERIENCE

1. Co-Lead of Google DSC, KGEC (08/2022 - Present)

Leading and Coordinating Content, UI/UX, Outreach and Event Management Team

2. Mentor at InspireXHub (12/2021 - Present)

Mentoring in the Fields of Web Development and Machine Learning

3. Core Team member of KGEC, Entrepreneurship Cell (07/2021 - Present)

Member of Web Development and Question Setting/ Recruiting Team

PERSONAL PROJECTS

E-Faisla (08/2022 - Present)

- E-Faisla is a Keyword based Legal Document Search System using extracted text and keywords from Legal Documents
- Created and implemented the logic to read pdf text directly and using OCR In the case of Scanned PDFs
- Created keywords from the text using manual curation and Unsupervised algorithm called YAKE

Emotion Detection using CNN (04/2022 - Present)

- Created a workflow using CNN to predict emotion from a dataset of images
- Trying and Researching on Models for better performance
- Created a web app to predict the emotion of the uploaded image

Sudoku Solver using CNN (06/2022 - Present)

- Making a ML Application to detect Sudoku puzzles from images or from images taken from webcam
- Solve Detected puzzles and display them to the user
- Working on Deploying the project to a web app using Flask or Streamlit

ACHIEVEMENTS

1. Smart India Hackathon'22 India Finalist (08/2022 - 08/2022)

Created a product, with a team of 6 members, from scratch that used OCR and Unsupervised algorithms to search for Legal Documents.

2. GitHub Campus Expert '22 (04/2022 - Present)

Received mentorship on leading communities and support to organize events and sessions in my community.

3. Az-Dev Lead for Kolkata '22 (02/2022 - Present)

Organized Multiple sessions on various technical topics and work towards organizing hackathons and other events.

INTERESTS

Problem Solving

Data Science & Analytics

Machine Learning

Cloud Technologies

Web 3.0