

# Sagarika

✉ sagarikabhagat311@gmail.com

☎ 9634757238

📍 Dehradun, Uttarakhand

🌐 Sagarika Bhagat

🔗 Sagarika311

## Education

**Bachelor of Technology in AI and ML,**  
*Graphic Era Deemed University*

09/2021 – 06/2025

**Higher Secondary School, Hopetown Girls School**

04/2019 – 03/2020

**Higher Education, Hopetown Girls School**

04/2017 – 03/2018

## Professional Experience

**Web Developer, UI/UX Designer and Content Manager,** 08/2024 – 03/2025 | IIT Madras, Chennai, India  
*Ments*

- **Developed and maintained** responsive web pages using **HTML, CSS, and JavaScript** for the **Ments** platform.
- **Designed user-friendly UI/UX** for dashboards and key features to boost **user engagement**.
- **Managed and created content** across the platform, ensuring brand consistency.
- **Collaborated with teams** to align design, development, and user needs.
- Improved **user experience and retention** through feedback-driven UX updates.
- Strengthened platform reach and inclusivity through **SEO and accessibility practices**.

**Web Developer, UI/UX Designer and Content Writer,** 02/2023 – 02/2024 | New Delhi, India  
*BOD Consulting Pvt Ltd*

- Contributed to the **redesign of a high-traffic e-commerce website**, enhancing **user experience** and **boosting conversion rates by 15%**.
- Translated **design prototypes** into **responsive HTML/CSS code**, ensuring clean structure and scalability.
- Partnered with multidisciplinary teams to create **seamless** and **user-centric interfaces**.
- Ensured **cross-browser compatibility** and optimized for **mobile responsiveness**.
- Implemented **performance and SEO optimizations**, resulting in a **20% improvement in loading speed** and better **search engine visibility**.

**Kavyanjali Club Web Developer and Organizing Team,** 09/2021 – 10/2023 | Dehradun, India  
*Graphic Era University*

- Developed and maintained the writers' club website, supporting events and resources.
- Fostered community engagement through user-friendly design and collaborative initiatives.

**School Publications Web Developer and Social Media Manager, Hopetown Girls School** 11/2017 – 10/2023 | Dehradun, India

- Designed and managed the school publications' website and social media presence.
- Contributed to both digital and print content creation, ensuring timely delivery.

## Projects

**Chatbot for Customer Service,** 08/2024  
*Flask, OpenAI API, Pandas, NLTK, Scikit-learn* 🌐

Built a chatbot using OpenAI API for natural language responses, deployed with Flask, and supported by ML/NLP tools for data-driven query handling.

**Sentiment Analysis of Product Reviews,** 09/2024  
*Pandas, Numpy, RegEx, NLTK, Scikit-learn, Flask* 🌐

The Sentiment Analysis System uses machine learning and NLP to classify reviews as positive or negative, featuring a Flask interface and Random Forest model to aid businesses.

Credit Card Fraud Detection using ML,07/2024  
NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn  
Detects credit card fraud using Random Forest. Explores data, addresses imbalance, and analyzes correlations. Model is trained, tested, and evaluated using various metrics.

Spam Email Detector,08/2024  
Numpy, Pandas, Scikit-learn, NLTK, RegEx  
The Spam Email Detector uses machine learning and NLP with a Naive Bayes classifier to identify spam emails, helping businesses improve security and reduce phishing attempts.

ML Model for Stock Prices Predictor,07/2023  
Yfinance, Pandas, Scikit-learn, OS  
This project employs machine learning to predict future stock market values, specifically focusing on forecasting the S&P 500 index.

Achievements

SmartIndia Hackathon 2023 Finalist  
Google Cloud Certified Cloud Digital Leader

Skills

Languages  
C, C++, Java, Python, HTML/CSS, Javascript, SQL

UI/UX & Design  
Figma, Adobe XD, Sketch, Wireframing, Prototyping, User Research

Frameworks and Libraries  
React, Node.js, Django, Flask, FastAPI, PHP, Bootstrap, Tailwind CSS, TensorFlow, PyTorch, Keras, Scikit-Learn, XGBoost, Pandas, NumPy, OpenCV, Matplotlib, Seaborn, NLTK

Tools & Platforms  
Git, GitHub, VSCode, Jupyter Notebook, MySQL, Postman, WordPress  
Cloud: GCP, AWS

Expertise  
Prompt Engineering, Web Development, API Integration & Testing  
Machine Learning & Deep Learning (ANN, CNN, RNN), Natural Language Processing, Image Classification, Model Deployment  
Data Analysis & Visualization

Certificates

Generative AI:Introduction and Applications  
IBM

Machine Learning: Regression  
University of Washington

Python Data Visualization  
Rice University

Solving ML Regression Problems with AWS AutoGluon  
Coursera Project Network

Python for Data Science,AI & Development  
IBM

Introduction to Applied Machine Learning  
Alberta Machine Intelligence Institute

Programming Foundations with JavaScript, HTML and CSS  
Duke University