Sukanya Bag

Phone-+918479000616/ Email / Website | LinkedIn

EXPERIENCE

Zummit Infolabs   Jan. 2022-Present
Jr. Data Scientist (Intern)

· Working on client-based projects that focus on developing cloud-based AI products with Deep Learning.

Indian Institute of Technology, Bombay (IIT, Bombay)   Jul. 2021– Jan. 2022
Machine Learning Engineering Intern

· Developed end to end Content-based, Collaborative Recommender Systems
· Developed conversational AI assistant for user support.
· Used AWS to deploy Machine Learning models and Heroku for hosting web applications.
· Worked on Model Retraining and MLOPs cycle.

Ineuron.ai   Sep. 2021 – Dec. 2021
Data Science Intern

· Developed end to end text-generation application for content creation using Natural Language Processing & Transfer Learning (GPT2, BERT).

Appcilious Pvt. Ltd.   Aug. 2020 – Oct. 2020
Machine Learning Intern

· Worked on semantic image segmentation for removing background from pictures with U-Nets & Tensorflow.js BodyPix architectures.
· Web application deployed on AWS and Heroku.
· Making AI Chatbots with state of the art models like Transformers and Bert (xl) implemented with Tensorflow.
· Worked on chatbot development with RASA NLU.
· Used AWS to deploy Machine Learning models and Heroku for hosting web applications.

PROJECTS

COVID19 DETECTION APPLICATION

· Developed a responsive web application using Flask that uses Deep Learning (CNNs) to detect COVID-19 using patient's chest X-Ray images.

POSE ESTIMATOR ANDROID APPLICATION

· Developed a responsive android app using Flutter that uses Computer Vision (Google's PoseNet) to detect poses in real-time environment.

MOVIE RECOMMENDATION WEB APPLICATION

· Developed a content-based movie recommendation web application using Flask that uses Natural Language Processing and Cosine-Similarity to recommend movies to users based on a movie they enter as input.

View other projects- GitHub

EDUCATION

Haldia Institute of Technology
Bachelor of Technology in Computer Science and Engineerng

Aug. 2019 – Aug. 2023

- YGPA (As of 2nd year) – 9.30

Bidya Bharati Girls' High School

graduation year- 2019

12th Boards percentage – 75% (concentration – PCMB)   *passing year- 2019*

10th Boards percentage – 86%   *passing year- 2017*

SKILLS

Languages - Python, Java, HTML/CSS, SQL (PostgreSQL, MySQL), Dart

Tools - VS Code, Jupyter, Google Colab, Spyder, Git, Postman

Frameworks – Sklearn, Tensorflow, Keras, PyTorch, Flask, Flutter

Platforms: Google Cloud Platform, AWS

Technologies – Data Science & Artificial Intelligence(ML,DL,NLP), Web & App Development, RESTful APIs

Technical Content Writing – Involved in sharing knowledge by writing Data Science & AI Blogs at [Medium](#) & [Analytics Vidhya](#).

CERTIFICATIONS & ACHIEVEMENTS

Datacamp certified [Data Scientist with Python](#)

DeepLearning.AI certified [TensorFlow Developer Specialization](#)

IBM certified [Data Science Professional Specialization](#) & [IBM Digital Badge](#)

[Machine Learning Certification](#) by **Stanford University**

Completed GoogleCloudReady & 30DaysOfGoogleCloud Program as an **Ultimate Milestone Achiever** ([Google Digital Badges](#))

Ranked in top 30 at **National Level Python Quiz** organized by **AICTE**

Rewarded **AWS Machine Learning Scholarship 2021** by Udacity & Amazon Web Services