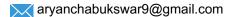
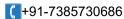
Aryan Santosh Chabukswar

Al enthusiast









CAREER OBJECTIVE

As a dedicated tech enthusiast, I am eager to utilize my skills in data analysis, machine learning, software development, and AI to drive innovation and contribute to cutting-edge solutions. Seeking opportunities for continuous learning, growth, and impactful contributions across various technical domains.

EDUCATION

 Bachelor's Degree in Artificial Intelligence and Data Science AISSMS Institute of Information Technology [Aug 2020 - June 2024] 9.0/10.0 CGPA

EXPERIENCE

· Assistant Al Trainer at AiAdventures, Pune

Mar 2023 - Aug 2023

- Facilitate AI training workshops, providing hands-on experience with machine learning algorithms and tools.
- Lead troubleshooting sessions to address technical challenges and provide guidance to participants.
- Assist in curriculum development and content creation for AI training programs.

Machine Learning Intern at <u>AiAdventures</u>, Pune

Sep 2022 - Mar 2023

- Worked on real-world projects, implementing machine learning models to solve complex problems.
- Contributed to data preprocessing, feature engineering, and model evaluation using Python and scikit-learn.
- Collaborated with senior data scientists to develop and deploy predictive models, enhancing operational efficiency.

Data Science Intern at AutomatonAl Infosystem, Pune

Dec 2021 - Aug 2022

- Collaborated with cross-functional teams to analyze and extract insights from large datasets using Python and SQL.
- Assisted in the development of custom data models and algorithms for optimizing product development and marketing strategies.
- Conducted exploratory data analysis and applied various machine learning techniques to generate actionable business insights.

SKILLS

Technical skills

Python (OOP, Numpy, Pandas) • Statistics • Data Processing • Data Visualization (Seaborn, Matplotlib, Plotly) • Exploratory Data Analysis (EDA) • Data Collection • Web Scraping (BeautifulSoup, Requests) • Supervised and Unsupervised Modeling • Hyperparameter Optimization • Ensembling Techniques • PyTorch, Keras, Tensorflow • Convolutional Neural Networks (CNN) • Transfer Learning • Hugging Face • Computer Vision (OpenCV) • HTML • CSS • Flask (Basics for web-based applications) • NLP Techniques and Applications • SQL (Data querying and manipulation) • MySQL

Non - Technical skills

Communication • Teamwork • Problem-Solving • Time Management • Leadership • Data Collection • Presentation

PROJECTS

Sentiment Analysis using ML algorithms and Lexicon-based approach

Implemented sentiment analysis using machine learning algorithms and a lexicon-based approach. | Covered data preprocessing, exploratory data analysis, data transformation, modeling, and application development. | Developed a Flask application with both Vader Sentiment Intensity Analyzer and model-based prediction.

- GitHub: Sentiment Analysis | Demo: video

AutoMLify - Automated ML Model Selection and Evaluation

Created a web-based tool for automated machine learning model selection and evaluation. | Users can upload CSV files, and AutoMLify determines classification or regression tasks. | Automatically trains and tests various classifiers and regressors, simplifying model selection process.

- GitHub: AutoMLify

Predictive Customer Churn Analysis: A Machine Learning and Deep Learning Approach

This customer churn prediction approach involves data preparation and model building, optimizing for accuracy. Evaluating models using metrics guides the selection and deployment of the best-performing model for predicting customer churn.

- GitHub: Customer Churn Prediction

DengAi Disease Spread Prediction

Incorporating ML, we forecast dengue spread. Data prep, model training, and evaluation drive accurate predictions. Deployment aids proactive dengue control and prevention.

- GitHub: Dengue Spread Prediction

MalDetect: A Hybrid Approach for Malware Detection using ML and Custom Deep Neural Networks

Focused on malware detection through machine learning in a binary classification setting. | Involved data preprocessing, comparative analysis of classifiers, and custom neural network architecture with PyTorch. | Investigated regular fit method vs. fit one cycle and aimed to identify and classify malware, with potential for expansion.

- GitHub: MalDetect

· CassavaAI: Vision Transformer-based Disease Detection for Cassava Plants

Developed an advanced deep learning project using PyTorch and Vision Transformer (ViT) architecture. | Aided in accurate and efficient detection of diseases in cassava plants for improved agricultural practices.

- GitHub: CassavaAI

ACTIVITES, AWARDS AND EXTRACURRICULAR

Technical Lead of GeekForGeek Chapter 1 at AISSMS IOIT, Pune

July 2023 - present

- Organized and led technical workshops and seminars on data science, fostering a collaborative learning environment.
- Championed initiatives to enhance technical knowledge and skills within the GeekForGeek community.