SAI DUTTA ABHISHEK DASH

BACKEND DEVELOPER, DEVOPS ENGINEER, ML ENGINEER
GITHUB - GITHUB.COM/INSTAX-DUTTA

OBJECTIVE

I am a highly motivated Computer Science student with demonstrated initiative and technical proficiency in Python, machine learning, and DevOps. Iam passionate about using technology to solve real-world problems and drive innovation. Iam seeking roles where I can use my development skills, entrepreneurial mindset, and problem-solving abilities to create impactful solutions.

SKILLS

Programming Languages-
Python, JavaScript, Html, CSS

Frameworks -
Flask, Django, NumPy, Beautiful Soup, Matplotlib, scikit-learn, Pandas, Seaborn, Discord.py, Discord.js, Node.js

DevOps-
AWS, Git, CI/CD, GCP, Azure, bash scripting, Linux, Docker

Soft Skills - Problem Solving, Adaptability, Communication, Collaboration

EXPERIENCE

PYTHON DEVELOPER (INTERN) • OCTANET SERVICES PVT LTD
JUNE 2024 – JULY 2024
- Automated file handling tasks such as renaming, sorting, and organizing using Python scripts.

MACHINE LEARNING ENGINEER (INTERN) • COGNIFYZ TECHNOLOGIES
MAY 2024 – JUNE 2024
- Worked on implementing Machine Learning in the restaurant business.
- Focused on Ratings Prediction and Cuisine Classification.

MACHINE LEARNING ENGINEER (INTERN) • TECHNOHACKS EDUTECH
MAY 2024 – JUNE 2024
- Worked on preprocessing datasets and deep learning tasks for model training.

PYTHON DEVELOPER (INTERN) • COGNIFYZ TECHNOLOGIES
FEB 2024 – MARCH 2024
- Designed and built a web scraper using Python, Beautiful Soup, and Requests to collect data for a machine learning project.
- Performed data cleaning and pre-processing with Pandas to prepare the dataset for model training.

CEO & CO-FOUNDER • RACERNODES
MAY 2022 – JULY 2023
- Managed AWS infrastructure deployment and scaling to accommodate growing user demand.
- Built and launched a game server hosting platform from scratch, demonstrating entrepreneurial initiative and leading to acquisition.

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PROJECTS

1. **SECURE PASSWORD GENERATOR • WEB APP**
   Languages Used – Python, JavaScript, HTML, CSS
   Frameworks Used – Flask, PyMongo, Zxcvbn

2. **PRODUCT REVIEW SENTIMENT ANALYSER• WEB APP**
   Languages used – Python, HTML, CSS
   Frameworks Used – Flask, NumPy, Matplotlib, Nltk, Bs4

3. **PHISHING DOMAIN DETECTION USING ML• RESEARCH BASED**
   Languages Used – Python
   Frameworks used – Pandas, NumPy, Matplotlib, Sci-Kit Learn
   Algorithm Used – Random Forest Classifier
   Results achieved – significant results in enhancing phishing detection using machine learning, with accuracy reaching 95% with 15million phishing data files. The study emphasized the importance of large, balanced datasets for training robust models and highlighted the efficiency of the system in predicting phishing attempts with minimal sacrifice in speed.
   Implementation – Browser Extension, Command Line Based UI

EDUCATION

BTECH COMPUTER SCIENCE • 2021-2025 • GIET UNIVERSITY, GUNUPUR
INTERMEDIATE • 2019 - 2021 • DELHI PUBLIC SCHOOL , DHENKANAL
HIGH SCHOOL • 2018 - 2019 • MAHARSHI VIDYA MANDIR , RAYAGADA

CERTIFICATIONS

1. ADVANCED PYTHON PROGRAMMING • JUNE 2024 • UDEMY
2. AMAZON Q DEVELOPER • JUNE 2024 • AWS
3. PYTHON FOR DS & ML • JUNE 2024 • UDEMY
4. AWS CLOUD PRACTITIONER • JUNE 2024 • UDEMY
5. PROJECT MANAGEMENT • MARCH 2024 • CAREERNINJA
6. INTRODUCTION TO CLOUD COMPUTING • MAY 2022 • EC-COUNCIL

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