

Safvan Hameed

Python Full Stack Developer | Computer Science Engineer

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OBJECTIVE

Python Developer with **Full Stack Development** experience, skilled in data handling, web applications, and team collaboration. Looking to apply expertise in **Machine Learning** data workflows, data annotation, and model evaluation.

SUMMARY

- Experience in developing secure and efficient web applications using **Python**, **Django**, and **React**.
- Knowledgeable in **data structures**, **algorithms**, and **computer programming** skills, applying **best software engineering practices**.
- Hands-on experience with **TensorFlow** and **ML technologies**, having contributed to the RED-Attack project, focusing on resource-efficient attacks.
- Familiarity with **Linux commands**, **computer networking fundamentals**, and **Open Source** technologies.
- Proficient in **problem-solving** and **technical orientation** with a keen interest in **network architecture** and **predictive analytics**.

INTERNSHIPS

Python Full Stack Development

Ascent Software Training Institute

09/2023 – 02/2024

Bangalore

EDUCATION

Thejus Engineering College

B.Tech Computer Science

2019 – 2023

NSS VHSS Mundathicode

Higher Secondary Computer Science

2017 – 2019

PROJECTS

Real-Time Fish Detection using YOLO, OpenCV, and Python

Developed a Machine Learning solution using the YOLO framework for data labeling and object detection, improving model performance by working with real-time video data.

Smart Classroom - Lecture Management Using Python And Django

Developed a secure system for accessing lecture materials using facial recognition, aligning with AI-driven solutions for enhancing user experiences.

Chatbot Using OpenAI's ChatGPT and Python

Developed an interactive chatbot using OpenAI's ChatGPT API, improving user interaction and leveraging large language models (LLMs).

RED-Attack: Resource Efficient Decision-based Imperceptible Attack (Python, TensorFlow)

Contributed to the RED-Attack project, implementing a resource-efficient methodology to generate imperceptible attacks on black-box models, using **classification boundary estimation** and **adversarial noise optimization**.

TECHNICAL SKILLS

Languages & Frameworks — React.js, JavaScript, TypeScript, Python, Django, Django Rest Framework

Web Technologies — HTML5, CSS3, Bootstrap

Databases — MySQL, PostgreSQL

Tools & Version Control — Git, GitHub

SOFT SKILLS

Problem-Solving • Teamwork • Communication • Analytical Skills • Collaboration • Leadership