

## **PROFESSIONAL SUMMARY**

I am a recent graduate with a focus on full stack development. Proficient in a variety of languages like Python, machine learning, deep learning training and testing models, data visualization using power BI etc. I have a solid foundation in data science principles. Eager to apply my theoretical knowledge in a professional setting, I bring a strong work ethic, problem-solving skills, and a passion for learning. Seeking opportunities to contribute to a collaborative team and further develop my skills in a world environment.

## **IT TRAINING**

Completed IT Career Program at Faith InfoTech Academy, Technopark with specialization in Full Stack Python, Django with Angular and Data Science and Machine Learning. Training Included basics of programming using Python, Database using Oracle and MySQL, Web application using Python Django Framework with Angular. The data science part had data visualization using power bi, statistics using excel and data science formulas. Also, it had machine learning, deep learning, classification models etc.

## **DATA SCIENCE AND MACHINE LEARNING EXPERTISE**

- |                                  |                                 |
|----------------------------------|---------------------------------|
| • Data Manipulation and Analysis | : NumPy, Pandas                 |
| • Deep Learning                  | : TensorFlow, Keras             |
| • Advanced Statistics            | : Hypothesis Testing            |
| • Data Visualization             | : Matplotlib, Seaborn, Power BI |
| • Machine Learning Libraries     | : Scikit -learn                 |
| • Web Scraping                   | : Scrapy                        |
| • IDE                            | : PyCharm, Google colab         |

## **INTERNSHIP (02 MAY 2024 - 04 JUNE 2024)**

During my one-month internship at Elsyslabs Online, I delved into Custom AI Agent Development and Language Proficiency. I got hands-on with AI models, creating and refining them to perform at their best. The program boosted my language processing skills and gave me a solid grasp of AI systems. A highlight was developing an HR chatbot using the Intelligage platform and AIPL language, which helped new employees navigate their onboarding steps. My time at Elsyslabs was a crash course in cutting-edge AI tech, expanding my technical skills and broadening my horizons.

## **PROJECTS**

### **Clothing Description Prediction Model || Scrapy || CNN**

Led the development of a predictive clothing description model using scraped data from Faballey.com. Designed and implemented a robust web scraping pipeline to collect comprehensive information, including images and descriptions. Utilized Convolutional Neural Networks (CNN) for image processing and feature extraction, achieving an accuracy rate of 88% using TensorFlow, Keras, and Scikit-learn in Python. Tools used include Python, TensorFlow, Keras, Scikit-learn for model development, Scrapy for web scraping, and Flask for frontend development.

## **EDUCATION**

### **Government College Kariavattom, Thiruvananthapuram, Kerala**

- Bachelor of Science, Physics and Computer Application
- 2020-2023