

# HAFTHAP ALI M

DATA SCIENTIST

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## PROFILE SUMMARY

Passionate about ML and data science, with experience in data analysis, machine learning, and Python programming. Looking for a dynamic role with my acquired academic knowledge to contribute to the company's growth through innovative technology strategies and personal career development. Let's connect and embark on a journey towards mutual success!

### PROGRAMMING LANGUAGE

- Python
- R Programming
- SQL

### TECHNICAL SKILLS

- Machine Learning
- Data Analytics
- Data Science
- Web Development

### FRAMEWORKS & TOOLS

- Django
- Vs Code

### SOFT SKILLS

- Communication
- Problem Solving
- Storytelling with data
- Time management

### EDUCATION

#### Bachelor of Engineering - ECE

VRS college of engineering and technology  
2020 - 2024  
7.5%

#### HIGHER SECONDARY SCHOOL

GOVT Boys Hr Sec School  
2019 - 2020  
68%

#### SECONDARY SCHOOL (10th GRADE)

Fathima matric Hr Sec School  
2018  
72.6

### LANGUAGE

- English
- Tamil
- Hindi

### INTERNSHIP EXPERIENCE

#### DATA SCIENCE INTERN - LOGIN360

AUG 2024 - DEC 2024

- Use Python libraries like **pandas**, **NumPy**, and **Matplotlib** to analyze, process, and visualize data.
- Implement machine learning models using libraries such as **scikit-learn** and **seaborn**.
- Create Python scripts to automate repetitive tasks such as web scraping using **BeautifulSoup** or **Selenium** data entry, or file management.

#### PYTHON & AI INTERN - NEXTGEN SOLUTIONS

JAN 2025 - FEB 2025

- Preprocessed and analyzed large datasets using Pandas and NumPy to prepare data for machine learning models.
- Built and evaluated machine learning models, tuning hyperparameters to improve accuracy and performance.
- Created Python scripts to automate data collection, model training, and result reporting, reducing manual workload.

### CERTIFICATIONS

#### Certified Python Programmer-LOGIN@360

- Earned a certification demonstrating proficiency in core Python concepts, including object-oriented programming, libraries, and frameworks.

#### Deep Learning & OpenCV Certification - INFOSYS

- Practical experience with training models, optimizing performance, and implementing AI-based solutions.

#### Python for Artificial Intelligence – NEXTGEN SOLUTIONS

- "Gained practical experience in creating AI projects using Python and popular libraries like NumPy, Pandas, and Scikit-learn."

### PROJECT

#### DiabetesDetection Using Machine Learning

- The application of machine learning algorithms and techniques to predict whether an individual has diabetes or is at risk of developing it.
- This process involves analyzing medical data such as **blood glucose levels, age, BMI, insulin levels**, and other health-related features to make predictions
- The model predicts the likelihood of diabetes based on the data.

#### CATTLE MONITORING SYSTEM

- **Collars with GPS:** Equip cattle with GPS-enabled collars to monitor their location in real time
- **Disease Detection :**Implement sensors that can detect signs of common diseases or illnesses
- **Cloud Storage:** Store data securely for analysis and record-keeping
- **Tech Used :** spo2 sensor, Humidity sensor, Wifi module, Temperature sensor.