

# NITHISHKUMAR VAITHILINGAM

## Data Analyst

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### SUMMARY

I am looking for a professional opportunity in a forward-looking organization where I can develop my skills, grow continuously, and contribute positively through my abilities, dedication, and interest.

### INTERNSHIP

#### Intern

**Titan Company Limited**    01/2025    Hosur, India

ERP development for business operations

- Worked on ERP system development
- Gained hands-on experience with real-world applications

#### Intern

**Luisant Software Solution**    01/2023    Salem, India

Development of web applications

- Involved in web development projects
- Gained practical exposure to software development

### PROJECTS

#### Email Spam Detection Using Machine Learning

2025

A machine learning project aimed at detecting spam emails effectively

- Developed an email spam detection system using the Naive Bayes algorithm.
- Used CountVectorizer for feature extraction and trained the model on labeled email data.
- Built a simple web interface using Streamlit to demonstrate real-time predictions.

#### Next Word Prediction (IMDB Dataset)

2025

To develop an LSTM model for accurate next-word text prediction

- Developed an LSTM-based next-word prediction model trained on the IMDB movie review dataset.
- Preprocessed textual data using tokenization, padding, and sequence generation techniques.
- Built an interactive web application to predict the next likely word from user-entered text.
- Implemented using TensorFlow/Keras, Streamlit, and NLP preprocessing.

#### Hotel Management System

2024

A comprehensive hotel management solution to facilitate bookings and customer service

- Built using Python GUI application for an interactive user experience.
- Automates billing and helps manage customer information efficiently.
- Suitable for hotel business looking to simplify booking rooms & management.

### EDUCATION

#### MSc Data Science

Periyar University

2024 - 2026    salem, Tamilnadu

#### BCA

AVS Arts & Science College

2021 - 2024    Salem, TamilNadu

#### HSC

State Board, Govt Higher Sec. School

2021    Salem, TamilNadu

#### SSLC

State Board, Govt Higher Sec. School

2019    Salem, TamilNadu

### SKILLS

Machine learning    Deep Learning

HTML    CSS    Python    R    PowerBI

MySQL

### LANGUAGES

Tamil    Native    ●●●●●

English    Proficient    ●●●●●