

# ANNA DANTIES

KOTTAYAM, KERALA

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## Professional Summary

My expertise extended to managing programming languages, as well as delving into the realm of image processing, natural language processing and analysis. As an MCA graduate with a robust technical foundation and a proven track record in both project work and corporate settings, I am eager to contribute my expertise and commitment to excellence to further the goals and success of your esteemed organization.

## Work Experience

**Graduate Trainee/ Developer**

MAY 2021 – JUL 2022

**TATA CONSULTANCY SERVICES- Pune, Maharashtra**

- ❖ Proficient in Python libraries such as Open CV, Numpy, Pandas, Pytesseract, Pytorch, Natural Language Processing (NLP), Matplotlib, Scikit-learn and Tensorflow.
- ❖ Data collection, cleaning and report generation
- ❖ Managed the role of Result analyser and test executor
- ❖ Handled the **C# and Python programming languages**
- ❖ Did the image processing and analysing using OCR techniques
- ❖ Coordinated day-to-day project activities, planning and implementation in Agile methodology.
- ❖ Performed manual testing while developing
- ❖ Python Automation IVI system testing, achieving a 70% reduction in time required.

## Internship Experience

**Python Developer Intern**

Feb 2024 – Jun 2024

**COMPORTEMENT AI Solutions – Bengaluru, Karnataka**

- ❖ Conversational AI applications that deliver business result.
- ❖ REST API generation, fetching and resulting
- ❖ Provide personalized and differentiated experiences in bots
- ❖ Chatbots conversation maintenance using Python programming language
- ❖ Familiarity in Haptik process flow of conversations, entity creation, exception handling

## Education

**Christ University, Bengaluru, India**

Jun

2024 Master of Computer Applications - 74.24 %

**Mahatma Gandhi University, Kottayam, India**

Aug 2021

Bachelor of Computer Applications – 81%

**St. Vincent CMI School, Kottayam, India**

May 2018

Higher Secondary Education Kerala – 86%

**Alphonsa Residential School, Kottayam, India**

May 2016

Indian Certificate of Secondary Education – 81%

## Skills

- C, C++, Java, Python, HTML, CSS, Flask, JavaScript, SQL, ReactJs. Concepts such as OOPs, ML, DSA, Inheritance.
- Linux basics
- Data Analytics
- Image Analytics
- Text Analytics

## Tools

- Excel, PowerPoint, Power BI
- Visual Studio
- Git

## Certifications

- **TCS GEMS:** for learning content creation on scikit, KNN, Decision tree, SVM, Clustering
- **Text Analytics** : From Great Learning
- **AWS Badge:** Cloud Computing Foundations
- **Python Badge:** Bronze Level in HackerRank
- **MySQL:** Certification from HackerRank
- **JavaScript:** Certification from HackerRank
- **Power BI:** Certification from Great Learning
- **Pega CSSA:** Certification from Udemy

## Projects

- 'FARMART'
  - Includes users such as admin, farmer and customer
  - Farmers add their products, customer buys it.
  - Added live weather predictions module using API's
  - Used React in frontend, Node.js in backend and MySQL for Database
- 'WHEATRX'
  - Analysed on wheat cultivation in Indian Context
  - Disease prediction based on images using CNN models
  - Yield prediction based on factors such as rainfall, temperature, PH scale of soil used random forest algorithm
- 'HAIR ANALYSIS'
  - Categorized hair type as curly, straight or wavy based on uploaded images, image analytics
  - Suggested hair products based on hair type
- 'MEDICAL TRANSCRIPTION'
  - Collection of unstructured data, cleaning, preprocessing and finding insights, text analytics
  - Audio data converted text data. Speech recognition and conversion
  - Preprocessing works such as stopwords removal, lowercasing, lemmatization
  - CV2, Pytorch, Sklearn, SQLAlchemy, NLP
  - API Implementation
  - Named entity recognition trained to identify target values from text
  - Identifying keywords from text and diagnosing disease
  - Suggesting medicines
  - Clustered unlabelled data using K-Means clustering
  - Classified clustered data using Logistic Regression
  - Implementation using Flask, HTML, CSS, Bootstrap, My SQL, NLP
- 'VEHICLEREG'
  - Permanent registration for vehicles
  - Includes users such as admin, customer, dealer and motor vehicle inspector
  - Used HTML, CSS, JavaScript in frontend, PHP in backend and MySQL for Database