

PUSHPAKALA JOHN

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PROFESSIONAL SUMMARY

Enthusiastic graduate with a degree in AI&DS, with a passion for Artificial Intelligence and Machine Learning. Seeking an entry-level position in the AI industry where I can bring my strongest Analytical abilities, Python programming proficiency, and creativity to develop innovative AI Applications and contribute to transformative projects. My experience includes a data science internship, where I honed my skills in data analysis, model development, and problem-solving.

SKILLS

- **Programming Languages : Python**(Pandas, NumPy, Flask) ,
Web Development(HTML,CSS,Java Script,React JS)
- **Machine Learning Algorithms, NLP**
- **Software / Tools :** MS Office, Google Colab, Visual Studio Code

EDUCATION

B.Tech (Artificial Intelligence and Data Science)	2020 - 2024
Arjun College of Technology, Coimbatore	CGPA – 8.2
HSC - State Board	2019 – 2020
Sri Sankara Vidhyalaya Matric Higher Secondary School, Kodaikanal	65%
SSLC - State Board	2017– 2018
Sri Sankara Vidhyalaya Matric Higher Secondary School, Kodaikanal	86%

INTERNSHIP

Artificial Intelligence Engineer Trainee	Mar 2024 – Aug 2024
Digital Garage Private Limited - Coimbatore	

- Assisted in the development and implementation of machine learning models, focusing on optimizing and tuning algorithms to improve accuracy and efficiency.
- Also learned about the design and deployment of deep learning architectures.

Data Sceince Intern	July 1 to 31 (2023)
Cubensquare Private Limited - Chennai	

- Assisted in the development and implementation of predictive models, demonstrated strong analytical and problem solving skills in identifying patterns and trends within the data.
- Also applied machine learning algorithms to extract meaningful insights from large - scale data sets.

PROJECTS

Warehouse Management System

- Developed the frontend of a web-based Warehouse Management System using React. Designed and implemented key features such as inventory tracking interfaces, order management dashboards, and user-friendly navigation.
- Collaborated closely with backend developers to integrate APIs for real-time data updates and seamless user interactions.

Topic Modelling Using LDA

- Implemented a topic modeling pipeline using Latent Dirichlet Allocation (LDA) to uncover hidden topics in a large corpus of textual data.
- Applied LDA to extract and visualize dominant topics, using libraries such as Gensim and Scikit-learn.

Movie Recommendation System

- The system leverages machine learning algorithms to suggest movies to users based on their preferences and viewing history.
- Enhanced the system by integrating content-based filtering, considering movie genres, directors, and actors.

CERTIFICATIONS

- Certified from Great Learning – **Python**
- Certified from LinkedIn – **What is Generative AI?**
- Certified from Great Learning – **Machine Learning Algorithms basics**
- Certificate of participation for **Paper Presentation** in National Level Symposium, in Hindustan College of Technology
- Attended workshop on **Data Science** conducted by Techo Bytes
- Attended workshop on **Full Stack Web Development** organized by Karpagam College of Engineering.

AREA OF INTREST

- ARTIFICIAL INTELLIGENCE
- DATA SCEINCE
- WEB DEVELOPMENT
- MACHINE LEARNING

LANGUAGES

- Tamil
- English

Signature
(Pushpakala John)