



Pushpak Raj S

AI/ML Student

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Limerick, Ireland

As a dedicated professional with a passion for innovation, I thrive on turning challenges into opportunities. With a proven track record of tackling complex problems, I bring a blend of strategic thinking and hands-on creativity to every project. My ability to adapt swiftly in fast-paced environments, combined with a knack for collaborative teamwork, empowers me to drive impactful solutions.

WORK EXPERIENCE

Msc in Artificial intelligence and machine learning

University of Limerick

09/2024 - 08/2024

Limerick

Programmer Analyst

Cognizant Technology Solutions

07/2022 - 08/2024

Chennai

2nd Cross St, Madras Export Processing Zone, Tambaram, Chennai, Tamil Nadu 600047

Achievements/Tasks

- Automation bot development for testing
- Data processing
- Testing

Intern

Cognizant Technology Solutions

01/2022 - 06/2022

Chennai

ELCOT SEZ, SEZ Ave, Elcot Sez, Sholinganallur, Chennai, Tamil Nadu 600119

Achievements/Tasks

- Microsoft Azure Cloud engineer

Internship

Unique Solutions

01/2020 - 01/2020

Chennai

Shifa Arcade, 3rd Floor, Bharathi Nagar 1st Street, N Usman Rd, T. Nagar, Chennai, Tamil Nadu 600017

Achievements/Tasks

- python developer
- embedded c

EDUCATION

Bachelor's in Electronics and Communication Engineering

St.joseph's College of engineering

08/2018 - 06/2022

Chennai

Cgpa

- Scored 8.17 out of 10

Computer Science

Velammal matriculation Hr Secondary School

06/2016 - 04/2018

Chennai

Score

- 1070
- cutoff(183/200)-91.5%

SKILLS

Python

ptorch

Sql

Big Data

Nlp

Data processing

AI AGENTS

regex

llm

Machine learning

Hadoop

numpy

pandas

PROJECTS

Diabetes Classifier Using Grammatical

Evolution(genetic Programming) (09/2024 - 11/2024)

- Developed Structured Grammatical Evolution models to predict hypoglycemia in diabetes patients using blood glucose and activity data, achieving 90-95% recall in 30-minute forecasts. Designed interpretable if-then-else rules for actionable medical insights.

Apple Core Data management (02/2023 - 08/2024)

- I am responsible for ensuring the accuracy, integrity, and quality of data throughout its lifecycle within complex Big Data architectures. My role revolves around data migration, data validation, and data preprocessing, involving both SQL and NoSQL databases. By leveraging my expertise in database technologies and data processing with Python,
- I monitor Kafka ingesters, which facilitate the loading of data through pipelines into various databases. To minimize difficulties, we use DBeaver for testing purposes to identify any failures in the data loading process.

Food Ordering Bot (08/2022 - 11/2022)

- Developed a Discord bot using Python and the Discord.py library. Implemented features for users to place food orders through text commands. Created a dynamic menu using JSON data to store dish names and prices. Discord's event-driven architecture to handle user interactions and commands. Designed and implemented commands for starting an order, adding items, viewing the order, and placing the order

GIT LINK :-

Git Link :- <https://github.com/Pushpak2861>

LANGUAGES

English

Full Professional Proficiency

Tamil

Native or Bilingual Proficiency

REFERENCES

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project manager