

JAGANATH B

Aspiring Software Engineer with a Solid Foundation in Computer Science.

ADDRESS

F-7, C-block, Angela Apartments
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Tamil Nadu

CONTACT DETAILS

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EDUCATION

Sastra University, Thanjavur — B.Tech CSBS

October 2021 -

Current Cgpa : 8.5

Current Semester : 7

DAV Senior Secondary School, Chennai — 12th

April 2020 - May 2021

Percentage : 96.2%

Stream : Computer Science

WORK EXPERIENCE

Intern - Zoho Corp, Chennai

June 2024 - July 2024

Worked in Site24x7 Project, where I used techniques like Web scraping, and python data science methods to get and cleanse the api data from the website. Using that, I automated knowledge graph generation(Neo4js) using prompt engineering with LangChain, to create a RAG chat-bot application.

CERTIFICATIONS

- Google UX/UI design Certification
- NPTEL certificate - Human computer interaction
- Introduction to Psychology - Yale university
- UNICEF certificate for conducting entrepreneurship boot camp

PROJECTS

- **Brain tumor detection using MRI Images**
 - Used pytorch, matplotlib and numpy. Constructed a CNN using Resnet-50 architecture that analyzed the MRI scans to do Binary Classification
- **AI-Chat bot**
 - Constructed a Chatbot using RAG, which parses contents from a PDF using LlamaParse. Here, I have used mixtral model, FlagEmbeddings(BAAI/bge-base-en-v1.5) from Huggingface and chroma db to make the chatbot answer any questions about the pdf. I connected the chatbot to a web-interface using flask as a backend.

SKILLS

Python

Deep Learning

Computer vision

C++

SQL

HTML

CSS

Javascript

Flask

Software development(SDLC)

UX Design

Design Thinking

Git And GitHub

Cypher(Neo4j)

Langchain

Retrieval Augmented Generation

OpenAPI

ADDITIONAL

CrowdFunding volunteer at
Mushkarath Foundation

Organized various
entrepreneurship cell events as a
member of entrepreneurship cell
,sastra in promotions and public
relations, and social media
marketing.
Represented the college in
Inter-college bodybuilding
competition

LANGUAGES

English, Tamil, Hindi