AJITESH MANDAL

Phone – 8918080718 | Email: ajiteshmandal@gmail.com

Professional Experience:

Xelpmoc Design & Tech Pvt. Ltd

Software Development Engineer (Novemberr'18 – Present)

- Responsible for enhancing kidsstoppress.com, an existing project
- Responsible for fixing critical bugs, introducing new features and enhancing existing features in backend
- Contributing in development of functions around user profile and articles upload details, implement nomination, voting to the different brand by user .

Educational Projects:

1. Question Answering(Q-A) system over Semantic web

Description: This project aims to bridge the gap between natural language query and structured query. Developed a system that allows users to ask questions in natural language and receive a answer from the Semantic Web. NLP techniques like POS Tagging, Dependency parsing, Name Entity Recognition, WordNet, Word2Vec, etc. are used to process the question, extract the relevant keywords and formulate a "Sparql" query to retrieve the answer from 'DBpedia' .

2. Photo Viewer Using Java Swing

Description: In this project , designed and developed a photo viewer which is able to automatically filter specific file (jpg, jpeg, png, gif) and load it from a specific directory chosen by user. It has feature like photo selection, rotation, zoom in, zoom out, sliding, and exit. Core Java and Java Swing(for user interface) is used here.

Technical Skills:

- **Programming Language**: C, C++, Python, Java, PHP
- **Database**: MySQL
- **Framework**: Laravel
- **Libraries:** NLTK, Scikit-Learn, Java swing
- **Other**: Git, Latex

Field of Interest:

Data Structure & Algorithm, Operating systems, Database Management System

Online Courses Taken:

1. Hardware-software Interface   Coursera
2. Machine Learning   Stanford University
3. Natural Language Processing   Stanford University
4. Machine Learning   IIT Kharagpur

Relevant Courses:

- **Post Graduation**- Advanced Algorithms, Operating Systems, Natural Language Processing, Machine Learning .
- **Graduation**- Data Structure and Algorithm Analysis, Operating Systems, Database Management System

Education:

- Master of Engineering : Computer Science & Engineering,2018
  Jadavpur University, Kolkata
- Bachelor of Engineering : Computer Science & Technology, 2016
  IIEST Shibpur, Howrah

Personal Details:

Address: Konarpur, Dist - Birbhum, West Bengal, Pin – 731201
Interest & Activities-Watching Movies, Coding, Computer Games etc.