Arjun Kumar

M Tech. in Data Analytics (2021)
NIT Tiruchirappalli

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TECH SKILLS

Python	4/5
C	4/5
C++	4/5
C#	4/5
JAVA	3/5
SQL	4/5
Data Structure& Algorithm	4/5
Machine Learning	4/5
Deep Learning	3/5
Big Data Analytics	4/5
Natural Language Processing	3/5

"I am a 3.5 Years experienced software engineer professional turned student who is also a computer geek credited with strong ability to solve complex problems with optimal solutions. I am very passionate about coding and problem solving."

- Successfully completed the Tech Mahindra Training as **Top Performer (92%) for .Net** stream.
- Received **Appreciation** certificate for **Best Performance in Team** at Infosys.
- Received **'Pat on Back' Award** for **Best Performance in Team** at Tech Mahindra.
- Received **First Prize** in coding event called C Mania at Prayukti-2013 **Inter-college** Technical event at HIT, Haldia.
- Class representative for 3 years of Engineering (2012-2015).
- Core Group Member in Organizing Technical Fest- Prayukti-2014 at Haldia Institute of Technology.

PROJECTS

I.   Plagiarism Detection

- Developed an application designed to detect similarity among text documents.
- Text Preprocessing using NLTK and BeutifulSoup.
- Calculates content similarity for documents based on NLP features like wo similarity, sentence level similarities, semantic similarities, word order, synonyms used.
- Used wordnet, to identify word similarity.

II.   Apparel recommendation Engine on Amazon dataset

- Developed a recommendation engine that filters the data and recommend the most relevant items to the users using its past behavior.
- Product recommendation engine on Amazon fashion dataset of 56K records.
- Collaborative Filtering techniques to analyzes relationships between users a items.
- I tried to recommend similar products using product textual similarity a semantic analysis using models like BoW, TF-IDF.

EDUCATION

- **National Institute of Technology, Tiruchirappalli (M Tech. -2021)**
  Tiruchirapally, Tamil Nadu.
  M.TECH IN DATA ANALYTICS (CGPA: 8.08/10)

- **West Bengal University of Technology (B Tech. -2015)**
  Haldia Institute of Technoogy, West Bengal.
  B. TECH IN INFORMATION TECHNOLOGY (CGPA: 8.02/10)

- **S M Arya Public School (2011)**
  Punjabi Bagh, New Delhi.
  CLASS XII, CBSE-AISSCE (PERCENTAGE: 81.6)

- **J LN Memo Senior Secondary School (2009)**
  Dhanbad, Jharkhand.
  CLASS X, CBSE-AISSCE (PERCENTAGE: 83.0)

WORK EXPERIENCE

- **INFOSYS LTD**
  Senior Systems Engineer   Oct.2018–Jul. 2019
  Project Profile: SharePoint Developer (Nov. 2018 – Jun. 2019)
  Developed travel approval Tool

- **TECH MAHINDRA**
  Software Engineer   Oct.2015-Oct.2018
  Project Profile #1: .Net Developer (Mar. 2016 – Jun. 2018)
  Development and maintenance of Club Mahindra website
  Project Profile #2: SharePoint Developer (Jul. 2018 – Sep. 2018)
  Worked on Migration of SharePoint 2010 to Office 365