John Smith

Navi Mumbai

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Education

Pillai College of Engineering
Bachelor of Technology, Computer Engineering — February 2020
CGPA 9.37
Relevant Courses: Machine Learning, Data warehouse and data mining, Big data analysis. Software engineering, Operating Systems

HSC — January 2020
CBSE with total percentage of 88.2%

SSC — May 2018
CBSE with total percentage of 94.4%

Technical Skills

Machine Learning	Python	SQL
C/C++	Natural Language Processing	Web development(PHP, CSS, JavaScript)
Hugging face Transformers(BERT, Pegasus)	Tensorflow	Data Visualization(Seaborn,Matplotlib)
Spacy	NLTK	Numpy, Scikit-learn, Pandas

Work Experience

Trainee Web Developer — December 2022
Bhabha Atomic Research Centre

- Completed a comprehensive training program as a web developer and gained hands-on experience in building web applications using the CodeIgniter framework.
- Assisted in the development and maintenance of a web application that retrieved and managed hundreds of logbooks from a database which contained information about work completed on a daily basis.
- Collaborated with senior developers to optimize database queries and enhance data retrieval functions, achieving accurate and efficient data retrieval based on date, week, and month criteria; reduced query response time by 40%.
- Participated in the creation of dynamic and visually appealing reports using PHP, HTML, CSS, and JavaScript to present logbook data effectively.

Projects

Teams meeting summarization website using Pegasus model of Hugging Face
- Collaborated with a team to create a Teams meeting summarization website, utilizing Python, the Pegasus Language model from Hugging Face, and Natural Language Processing (NLP) tools such as NLTK.
- Conducted data preprocessing, feature engineering, and exploratory data analysis to extract valuable insights and enhance the summarization process.

Quora Sentiment analysis using BERT (Bidirectional Encoder Representations from Transformers)
- Independently developed a sentiment analysis project utilizing Python and the BERT model with Tensorflow frameowork.
- Fine-tuned the BERT model to evaluate the sentiment (genuine or hateful) of questions posted on Quora, contributing to enhanced content moderation and user experience.

Online Book review website
- Coordinated with a team to design and develop an online book review website, leveraging technologies such as HTML, CSS, and MySQL.
- Enabled users to submit reviews on books and discover their literary interests through a user-friendly web interface.

Book recommendation website
- Worked collaboratively with a dynamic team to create a book recommendation website, employing a range of technologies, including Python, machine learning, HTML, CSS, and JavaScript.
- Focused on understanding user preferences and enhancing their reading experiences by providing personalized book recommendations through content-based filtering.
- Applied machine learning techniques, including the use of unsupervised learning algorithm K-Means clustering, in Jupyter Notebook.

Log book report generation website using PHP
- Designed a website which generates timely reports of the log book records by retrieving the data from the database and performing SQL queries on them, using PHP, SQL and Codeigniter framework.

Courses and Certifications

- Fine tuning BERT for text classification using Python Tensorflow by Coursera
- Machine Learning and Data Analytics certification from Skillsoft
- Deep Learning and Neural Network implementation certification from Skillsoft
- C programming certificate by Spoken Tutorial
- Demystifying Networking course by IIT Bombay NPTEL - Silver certificate
- Python programming Course by Kaggle and Coursera