Ashok Kumar

Computer Science Engineer

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Hindi : Native or Bilingual Proficiency
English: Professional Working Proficiency

Education

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech – Computer Science and Engineering	*RCC Institute of Information Technology, Kolkata* (Maulana Abul Kalam Azad University of Technology, West Bengal)	8.18 CGPA (Till 7th Semester)	2017-Present
Senior Secondary	*D.A.V. Kapildev Public School, Ranchi* (Central Board of Secondary Education)	81.8%	2015-2017
Secondary	*D.A.V. Public School, Patratu* (Central Board of Secondary Education)	9.2 CGPA	2013-2015

Experiences

- **Data Science & Analytics Intern** at **The Sparks Foundation** *August 2020 – September2020*
  - *Performing **Exploratory Data Analysis** on given datasets to draw insights.*
  - Exploring Supervised **Machine Learning**, Unsupervised Machine Learning, Decision Tree Algorithm and **Business Analytics**.
- **Data Scientist Intern** at **First Tech Consulting** *October 2020 – Decemeber 2020*
  - Building a web application on **Customer Identity Resoulution**, by using the **Fuzzy Matching algrothim** and **NLP** to uniquely identify the Customer from **third-party cookies** data stored in **json** file after normalization and cleaning.

Projects

- **MP3 Music Player Application** *July - August 2020*
  - Build using ***Tkinter*** GUI Toolkit of ***Python***. Include Basic Functionality of Media Player. Explored the Python programming paradigms like **Functional** and **Object Orient Programming.**
- **Virtual Painting Application** *August - 2020*
  - Build using **OpenCV** library with **Python** to do Onscreen Painting. Used **Edge detection** and **Color Detection** techniques to identity different colored sketch pen.
- **Sentiment Analysis of the IMDb Movie Review** *September - 2020*
  - Used **Text Preprocessing** Techniques for text normalization from **NLP** like Stop words, **Tokenization**. Transform Text Data into **TD-IDF Vectors**. Used Supervised and Unsupervised **Machine Learning** technique to build model.

Skills

- **Programming Languages:** Python, Java*, C++*, C*
- **Web Technologies:** HTML5, CSS3, Flask*
- **Database Management:** DBMS, MySQL
- **Development/Business Tools:** VS-Code, PyCharm, Eclipse, Jupyter, Spyder, Tableau, PowerBI*, Google Data Studio*
- **Machine Learning Libraries:** NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn, XgBoost*, TensorFlow*
- **Other Skills:** OOPs, Data Structure & Algorithms*, Machine Learning, Data Science*, Deep Learning*, NLP*
- **Miscellaneous:** MS Office (Excel*, Word, PowerPoint), Abode Photoshop, Adobe Illustrator*

Elementary Proficiency

Achievements

- HackerRank Python Practice 1st Rank
- Codechef – 2stars (Highest 1569) and Geeksforgeeks – 17th Rank in RCCIIT.

Certifications

- Project Completion on Liver Patient Analysis & Prediction using ML – OmegaTechLab
- Python for Data Science and Machine Learning Bootcamp - Udemy
- Python for Data Science – IBM
- HackerRank Python Certification

Participations

- Co-Ordinator and Volunteering in College Tech Fest – TechTrix2019 *January 2019 – March 2019*
- Microsoft AI Classroom Series *21st – 23th September 2020*

Interests/Hobbies

- *Artificial Intelligence*
- *Graphic Designing*
- *Photography*
- *Reading Blogs*

***text contains link for reference**