AMBUJ SINGH

DATA SCIENCE ENTHUSIAST

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💬 English, Hindi, Marathi

Aiming to start my Data Science career in a dynamic company, leveraging my expertise in Data Analytics, Machine Learning, and Predictive Modeling. Passionate about driving data-driven strategies, enhancing decision-making processes, and contributing to overall business success through innovative data solutions.

EDUCATION

3/2024 - 8/2024
PG-Diploma in Big-Data Analytics
CDAC Noida, Percent: I Division

2013 - 2017 | B. E.
Konkan Gyanpeeth College of Engineering Karjat, University of Mumbai
CGPI: 6.19, Percent: 55.94% (II Division)

2010 - 2012 | XII
K M Agarwal College, Maharashtra State Board
Percent: 62.00% (I Division)

2009 - 2010 | X
M. K. E. S, Maharashtra State Board
Percent: 76.36% (Distinction)

TECHNICAL CERTIFICATIONS

- **IBM Data Science Professional Certificate** Completed all modules with a 98% score, demonstrating a strong foundation in data science principles
- **Course on Computer Concepts by NIELIT**
- **Published paper on Student Security System in ICERAT**

TECHNICAL SKILLS

- **Programming Languages:** Python, R, SQL
- **Frameworks:** Hadoop, MapReduce, Spark, TensorFlow, Keras
- **Tools and Platforms:** Tableau, MongoDB, Cassandra, Hive, GitHub, DBMS, Big Data Technologies
- **Libraries:** NumPy, Scikit-Learn, Pandas
- **Techniques and Concepts:** Advanced Analytics, Data Collection, Data Visualization, Machine Learning, Deep Learning, Gen AI

SOFT SKILLS

Time Management, Critical Thinking, Teamwork

ACADEMIC PROJECTS

Image Analysis for Tuberculosis Detection
CDAC Noida | Aug 2024 | Project link

- Achieved 98% accuracy in classifying Tuberculosis X-ray images using the CNN Xception model, improving the accuracy by 10% compared to previous benchmarks.
- Processed and analyzed a dataset of 4,200 X-ray images, with 3,500 images used for training and 700 for testing, leading to significant advancements in detection accuracy.

Early Dementia Detector
B.E final year project | 2017
Developed an Early Dementia Detector using headgear to analyze brain waves and process data through C++ programs.

WORK EXPERIENCE

3/11/2017 - 30/11/2023
Bhagwati Enterprises
Sales and Service Engineer
Bhiwandi, Thane
Managed the sales, service, and maintenance of compressor machines, primarily focusing on mechanical work with some involvement in electronics and electrical components.

EXTRA-CURRICULAR ACTIVITIES

- Participated in data science competitions like Kaggle, DrivenData, and local hackathons
- Contributed to open-source data science or analytics projects on GitHub

HOBBIES

- **Continuous Learning:** Reading on Data Science, Machine Learning, and emerging technologies
- **Coding Challenges:** Solving quizzes on Coding Ninjas to sharpen problem-solving skills
- **Mindfulness and Strategy:** Meditation and chess for mental clarity and strategic thinking