



Sahil Bharodiya

Indian Institute of Information Technology Sonapat
B. Tech – Computer Science and Engineering [2020-24]

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Education

Degree/ Certificate	Institute/Board	CGPA/Percentage	Year
B. Tech (CSE)	IIIT Sonapat	9.25	2020 present
Higher Secondary	Gujarat Board	80.92%	2020
Secondary	Gujarat Board	94.33%	2018

Internships

- Exposys Data Labs – *Data Science Intern* [May 2022 – June 2022]
 - Construct Different Regression algorithms
 - Divide the data into train set and test set
 - Calculate different regression metrics
 - Choose the best model
- Kryptonias Innovations Private Limited – *Intelligent Data Processing and Computer Vision Intern* [June 2022 – July 2022]
 - Design and develop robust, efficient, and real-time algorithms for analysis, classification, object detection/segmentation, etc., of images using state-of-art techniques from image processing, OCR, pattern recognition, computer vision, machine learning, deep learning, etc.
 - Develop innovative solutions for various problems related to segmentation, object detection, feature analysis, and classification of text-heavy images for applications in retail
 - Research & implement high-end efficient models in machine learning (e.g. deep learning) for accurate analysis, and classification of detailed images
 - Learn and update oneself on the emerging trends of technology and apply them in the projects for better results leading to publications and patents
 - Explore new areas of expert systems, cognitive computing, artificial intelligence, computational photography, etc.

Technical Skills

Programming Languages:

- C/C++ (Advanced)
- Python (Advanced)

Technologies:

- Data Science (Intermediate)
- Machine Learning (Advanced)
- Deep Learning (Advanced)
- Computer Vision (Advanced)
- Recommender Systems (Intermediate)
- Time Series Analysis and Forecasting (Advanced)
- Natural Language Processing (Intermediate)

Tools:

- Linux System and Commands (Expert)
- VS Code (Expert)
- Tableau (Intermediate)
- Microsoft Office (Expert)
- Git and GitHub (Expert)
- SQL and MySQL (Advanced)

Soft Skills

- Comfortable in both Teamwork and Individual
- Excellent Report writing and Documentation skills
- Workaholic
- Always keep track of the latest tools, technology, and trends
- Innovations to Business

• **Projects**

1. Football Match Prediction and Kelly Betting
2. Criminal Activity Detection from Live CCTV Footage
3. Project DeepLense on Google Cloud TPU
4. Question Answering model using Transformers
5. CJPE (Court Judgment Prediction and Explanation)
5. Filling Missing Values and Prediction on Future Time Stock Price

• **Courses and Certifications**

1. Master the C Language ([Udemy](#))
2. Machine Learning by Andrew NG ([Stanford University – Coursera](#))
3. Deep Learning ([IBM](#))
4. Applied Data Science ([IBM](#))
5. Problem Solving Basic ([HackerRank](#))
6. Problem Solving Intermediate ([HackerRank](#))

Achievements

1. Rank 2 in Credit Card Default Analysis Data Science Hackathon by National Payment Corporation of India (NPCI)

• **Languages**

1. English (Full Professional Efficiency)
2. Hindi (Full Professional Efficiency)
3. Gujarati (Native Language)