

BAIBHAV BITTU TIWARI

ACADEMIC PROFILE

Degree/Certificate	Institution	Percentage/CGPA	Year
IDD	Architecture Planning and Design IIT (BHU), Varanasi	7.91	2026
State Board of Technical Education, Bihar (XII)	Government Polytechnic, Patna-7	8.33	2019
Bihar School Examination Board (X)	Rastriya High School Dilian, Dehri	79.20	2016

SKILLS

Languages : Python, JavaScript

Tools/Framework : Power BI, Matplotlib, Seaborn, Numpy, Pandas, Scikit-learn, Plotly, TensorFlow, HTML, CSS, Requests, Beautiful Soup, Selenium, Scrapy, Prophet, ARIMA, ARCH/GARCH, LSTM

Interest : Data Science, Quantitative Analyst, Machine Learning, Quant Trading

PROJECTS

Maximizing BTC-USDT Trade Profit through Hybrid ML and Statistical Modeling

- Implemented a hybrid approach of **Random Forest** tuned with Gridsearchcv and statistical modeling to maximize trade profit for BTC-USDT over four years of data. Presented at **InterIIT Tech Meet** competition.

Movie Title Scraper & Recommender

- Created Python-based Movie recommender utilizing Scrapy for **web scraping** and **pandas** for data processing. Implemented genre-based recommendation system using **cosine similarity**.

CERTIFIED COURSES

Supervised Machine Learning

Mar 23 - Apr 23

Learned Regression & Classification concepts along with their practical applications.

Machine Learning and AI

June 23 - Aug 23

Skilled data manipulation, visualization, supervised & unsupervised learning, ensemble methods, EDA, and gradient descent

Time Series Analysis

Mar 23 - May 23

Forecasting concepts, Python tools, and deep learning approaches such as ARMA, ARIMA, and Prophet

POSITION OF RESPONSIBILITY

- Co-Head** of BASH6.0 at IIT BHU, led international participation from 6+ countries, engaging **2500+** participants worldwide, fostering innovation, and global networking.
- Senior Core Team** Member at IIT BHU Business Club, leading **50+** juniors, mentoring 100+ freshmen, and collaborating on initiatives with a diverse **100+** member team

HONOURS AND ACHIEVEMENTS

- Represented** IIT BHU at **InterIIT Tech Meet 12.0** in Quant Trading Competition, securing 10th place among ~20 teams from various IITs.
- Secured **2nd** place among **400+** teams at Synergy 23, an esteemed event organized by **VGSoM, IIT Kharagpur**, in Feb 2023.

T: +91 9060664929 **E:** baibhavbittutiwaari@gmail.com **Address:** C/O Sunil Kumar Tiwari, new area, Jora Mandir, Dehri, Rohtas, Bihar