

ADVAIT JOSHI

Student at BNMIT

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GitHub | **Linkedin** | **LeetCode** | **HackerRank** | **Portfolio**

EDUCATION

BNM Institute of Technology

Electronics and Communication Engineering, B.E

CGPA: 7.71

Bengaluru, India

Jan 2022 - Mar 2025

EXPERIENCE

NSDC Internship | AI Data Quality Analyst

Bengaluru, India | Sept 2024 - Jan 2025

Through this program, I learned Python Programming, Prompting, Linux, Networking, Databases, Flask, Cloud Computing, and PowerBI.

Subhanu Technologies Pvt Ltd | PCB design Intern

Bengaluru, India | Sept 2023 - Oct 2023

Created a versatile Raspberry Pi teaching kit with 20+ components and extra ports for scalability. Led a team of four in a month-long training program and developed a step-by-step user manual on Canva.

SKILLS

Programming Languages: Python, Java, C, Verilog, Arduino, MATLAB

Libraries/Frameworks: Pandas, Numpy, Django, Keras, Scikit-Learn, Matplotlib, sqlite3, Seaborn, Math, SciPy, BeautifulSoup, PyPortfolioOpt, yfinance, Tkinter

Tools / Platforms: GitHub, Colab, Jupyter Notebook, Eclipse, Turbo C, Linux, Power BI (basics), MS Office, Canva, IBM Watson

PROJECTS / OPEN-SOURCE

FairHireKaleido

IBM watson, Python, ML.

We aimed to reduce gender bias in hiring by implementing this project. Two major components are included, Resume Anonymizer: a tool that removes all gender-revealing and personal information from resumes. For better job matching, Compatibility Index calculates the similarity between job descriptions and employee skills using advanced NLP techniques.

Signature Verification

MATLAB, SVM classifier app, ML

Building trust-worthy systems with MATLAB-based signature analysis and differentiation. Utilized MATLAB's advanced classification tools, such as Support Vector Machine (SVM Model), to enhance the program's performance and achieve over 80% accuracy.

Bank Turnover Prediction(In progress)

Python

Analyzes demographics and account activity to predict customer churn. Machine learning algorithms identify customers likely to leave a bank, allowing proactive retention procedures to be implemented.

BCG Data Science Job Simulation

Python, ML.

Analyzed customer churn data for XYZ Analytics, identifying key client data and formulating a strategic investigation approach. Using Python with Pandas and NumPy, conducted trend analysis by utilizing visualization techniques. A random forest model was developed and optimized to achieve 85% accuracy in predicting customer churn.

HONORS & AWARDS

- Achieved Aon CoCubes score of 538 resulting in "EXCELLENT" grade.
- Cleared 4 exams in Hindustani Classical Music