

Bhukya Anil

Portfolio Website | [LinkedIn](#) | bhukyaanil24@gmail.com | [GitHub](#) | 9390163549

Education

- IIT, Kharagpur** Kharagpur, India
MTech Dual Degree, Metallurgical and Materials Engineering; CGPA: 8.14/10 Aug. 2019 – May. 2024
- Narayana Junior College** Hyderabad, India
Telangana State Board of Intermediate Education (Class 12); Marks: 98.4% May. 2016 – May. 2018
- Shivani High School** Warangal, India
Telangana State Board of Secondary Education; CGPA: 9.8/10 May. 2015 – May. 2016

Internships

Project Intern | Web development | Scholiverse Educare PVT LTD (Jun 2023 - Aug 2023)

- Developed **PGLife** application enabling customized **user accounts, admin oversight, verification**
- Worked on the Backend to create **APIs** to get customer information using **CRUD** operations and store it in Database
- Developed **frontend** with a user-friendly Search Bar and **UI** for effortless browsing of PG information across cities
- Tech Stack used: **Backend:** PHP, **MySQL, SQL** | **Frontend:** Bootstrap, HTML, CSS, Javascript

Projects

Business 360 - Brick & Mortar and E-commerce [PowerBI | SQL | Excel | DAX Studio] (May 2024 - Jun 2024)

- Built and optimized data models and visualizations in **Power BI**, improving performance by **5%** using **DAX Studio**
- Developed and automated financial analysis using **DAX measures** to cut processes by **80%** and boost accuracy by **90%**
- Created **P&L, supply chain**, and marketing dashboards, leading to a **10% revenue** boost and **20% expense** reduction
- Managed and cleaned datasets (**over 1.4 million rows**) with **Power Query**, saving **4 hours** of manual work

Sports Personality Image Classifier [Machine Learning | Image Processing] (Oct 2024)

- Built an Image Classifier using Scikit-Learn by analyzing three models: **SVM, Random Forest**, and **Logistic Regression**
- Performed image processing with **OpenCV** and data preprocessing with **StandardScaler** to optimize model performance
- Utilized **GridSearchCV** for hyperparameter tuning, achieving an **85%** accuracy with **SVM** and a **10% accuracy gain**

T20 world cup cricket data analytics [Python | Web scrapping | Pandas | Power BI] (Jul 2024)

- Created a Power BI report to find top 11 players for a T20 team by scraping data from **ESPNcricinfo** with **Bright Data**
- Cleaned** and **transformed** the data with **pandas** and evaluated various player **performance** and **statistical metrics**
- Used the **Power BI dashboard** to select the top 11 players, with a **90% chance** to win the game across categories

Skills and Expertise

Languages: C, C++, Python, HTML, CSS, JavaScript, SQL, PHP, Matlab, DAX

Software/Tools: Git, Github, VSCode, MySQL, Lammmps, Jupyter Notebook, Quantum Espresso, Power BI

Frameworks/Libraries: Bootstrap, STL, Pandas, Matplotlib, NumPy, Scikit-Learn, TensorFlow, OpenCV

Certifications

Machine Learning Specialization | Course era

- Learned Supervised and Unsupervised Learning, covering topics like Linear and Logistic Regression, Gradient Descent, Neural Networks, Decision Trees, Random Forest, and XGBoost, with hands-on experience in TensorFlow and Scikit-Learn

Power BI, MS Excel and SQL | CodeBasics

- Completed Power BI, SQL, and MS Excel certifications, gaining proficiency in **Power Query ETL, SQL data importing, DAX language**, and business metrics for **financial, sales, and supply chain** analytics.

Coursework Information

- Programming and Data Structures
- Machine Learning
- Atomistic Modelling
- Probability and Stochastics
- Innovation Management
- Database Management System
- Introduction to Materials Engineering
- Materials Characterization
- Mathematics

Extra Curricular Activities

- Represented HJB Hall, IIT Kharagpur in **Cricket** and **Volleyball** at Inter Hall Sports **General Championship**, 2021-23
- Actively participated in the **Inter Hall Illumination-2019** for Lal Bahadur Shastri Hall, **IIT Kharagpur**
- As **captain**, I led my Hall cricket team to the **quarter-finals**, promoting teamwork, discipline and practices for success