

# AADIT SHUKLA

Phagwara, Punjab, India | 9056191126 | aaditshukla98710@gmail.com |  
linkedin.com/in/https://www.linkedin.com/in/aaditshukla/

## WORK EXPERIENCE

### Machine learning intern INEURON

Jan 2023 – Feb 2023  
Punjab, India

- During the 2-month internship as a Machine Learning Intern, I actively engaged in various tasks and gained valuable skills in Python programming, Machine Learning, Architecture Design, LLD (Low-Level Design), Wireframe Design, and DPR (Detailed Project Report) creation.
- As an intern, I had the opportunity to work on an exciting project focused on Big Mart Sales Prediction using Machine Learning. Within this project, To develop a robust model that achieved an impressive accuracy range of 80% - 85%.

### Machine learning Intern Feynn Labs

Oct 2022 – Dec 2022  
Punjab, India

- My internship experience encompassed diverse tasks such as Data Collection, AI Product Service Prototype Development, Market Segmentation, and Business/Financial Modeling. Through active involvement in a project focused on AI Product Service Prototype Development and Business/Financial Modeling, I contributed to the practical application of machine learning in real-world scenarios.
- My involvement in the Bike Sharing Demand project included actively working on regression analysis, utilizing the 'Random Forest Regression' algorithm, and conducting extensive evaluations to optimize the model's performance. The resulting accuracy of 95% demonstrates the success of my approach.

### Data Analyst Intern ECOMOCEANA TECHNOLOGIES PVT.LTD

Jul 2022 – Sep 2022  
Chandigarh, Punjab, India

- My experience involved learning the basics of web scraping, improving my Python programming skills, and applying a number of different applications like Pandas, Web Scraping, SQL, and Postman. Have further, I successfully contributed to the Wine Quality Prediction project, deploying the model on Streamlit for effective user access, and achieving an incredible accuracy rate of 95%.

## PERSONAL PROJECTS

### Plant Classification using Deep Learning

- **Developed** a deep learning model for plant classification using convolutional neural networks (CNN). **Trained** the model on a large dataset of plant images, implementing data augmentation techniques to improve performance and generalization. **Optimized** the model architecture and hyperparameters through experimentation and fine-tuning, achieving a classification accuracy of 95%. **Utilized** Python and popular deep learning libraries such as TensorFlow and Keras for model development and evaluation. **Performed** extensive data preprocessing, including image resizing, normalization, and handling class imbalances. **Validated** the model's performance using various evaluation metrics and conducted cross-validation to ensure robustness. **Documented** the project, including the methodology, experiments, and results. **Confidence:** Completed the project with utmost confidence, achieving a 100% belief in the model's accuracy and performance.

## CERTIFICATIONS

**Machine Learning A-Z™: Hands-On Python R In Data Science** | Udemy  
**Foundations: Data, Data, Everywhere from Google Data Analytics** | Coursera  
**DevCreate Hackathon** | Hackathon

May 09, 2021  
September 13, 2022  
November 13, 2022

## EDUCATION

**GNA University**  
Bachelor of Computer Science Engineering

Aug 2024  
Phagwara, Punjab

## SKILLS

Programming Languages: Python, SQL, C++  
Web Development/Web Frameworks: Flask, FastAPI, HTML, CSS, JavaScript  
Data Analysis: Python libraries (Pandas, NumPy, Matplotlib, Seaborn)  
Database Management: SQL, MySQL  
Machine Learning: Scikit-learn, TensorFlow, Regression, Classification, ANN, CNN, Perceptron  
Version Control: Git, GitHub  
Software: PostMan, Power bi, Microsoft Excel