Prince Choudhary

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EDUCATION

Gautam Buddha University, Greater Noida Sept 2020 - June 2025
Integrated B.Tech + M.Tech in Computer Science and Engineering, Specialization in AI and Robotics **CGPA: 8.04/10**

ICSE Apr 2017 - Mar 2019
Senior Secondary (Class XII) - PCM **Percentage: 72**

EXPERIENCE

Artificial Intelligence and Machine Learning Trainee | Samsung Innovation Campus June 2024 - Sept 2024

- Participated in intensive training on AI and Data Science, covering a wide range of topics from basic to advanced levels.
- Developed and deployed machine learning models to solve real-world problems using Python and relevant libraries.
- Conducted data preprocessing and analysis using Pandas and NumPy, ensuring data quality and integrity.
- Visualized complex data sets using Matplotlib and Seaborn to derive meaningful insights and present findings.

Blockchain Developer Trainee | Udemy June 2024 - July 2024

- Worked with blockchain technologies such as **Ethereum**, **Hyperledger**, or **Solidity** for smart contract development.
- Gained hands-on experience with **decentralized applications (DApps)**, token standards like **ERC-20** and **ERC-721**, and blockchain protocols.
- Developed and executed **smart contracts** and tested them on **testnets** like Rinkeby or Kovan.

Python Developer Intern | AR Advisors July 2023 - Nov 2023

- Developed and maintained **Python-based applications**, ensuring high performance and responsiveness.
- Implemented data processing and manipulation using libraries like **Pandas**, **NumPy**, and **Matplotlib**.
- Employed **RESTful APIs** for data exchange between client and server, ensuring robust and secure connections.

PROJECTS

Multi-class Classification of Dry Beans using Machine Learning

- Developed a machine learning model to classify dry bean varieties based on physical and morphological features.
- Implemented multiple machine learning algorithms including Linear Regression, Decision Trees, Random Forest, and XG Boost to identify the best-performing model.
- Achieved 92.6 percent accuracy and high F1-scores across seven distinct classes. .

Employee Attrition Prediction using Machine Learning

- Collected and preprocessed data from various sources, including HR databases and employee surveys, handling missing values, encoding categorical variables, and normalizing features.
- Conducted exploratory data analysis (EDA) to identify key factors influencing employee attrition, such as job satisfaction, work-life balance, and compensation.
- *Technologies Used:* Python, Pandas, Scikit-Learn, XGBoost, Seaborn, Matplotlib

CERTIFICATIONS

- **Samsung** Artificial Intelligence and Machine Learning
- **Udemy** DApp Development - Smart Contracts - Solidity, Web3, React, Mocha, Ethereum Blockchain Programming for Front-end

SKILLS

Blockchain Platforms: Ethereum, DApp, Smart Contracts |**Databases**: IPFS (InterPlanetary File System), BigchainDB | Programming & Machine Learning: Solidity, JavaScript , Python (scikit-learn, TensorFlow, Keras) | Tools & Platforms: Jupyter Notebook, GitHub, VsCode, Truffle, Ganache, Remix IDE, MetaMask , Hardhat

Key Skills - Data Analysis, Statistical Analysis, Data Visualization, Data Cleaning, Data Mining, Machine Learning, Predictive Analytics, Blockchain Technologies , Cryptography, DApp

Soft Skills - Decision-making, Presentation Skills, Organizational Skills, Integrity, Critical thinking

RELEVANT COURSEWORK

Artificial Intelligence, Machine Learning, Data Visualization, Python Programming, Javascript, Solidity, Database Management, Probability and Stochastics, MySQL, Natural Language Processing, Blockchain, Expert System Design, Robotics

RESEARCH EXPERIENCE

Conducted research on Multiclass Classification techniques to address Multi-class Classification of Dry Beans using Machine Learning. Under the supervision of Dean of SOICT, Gautam Buddha University