AYUSH BARAD

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OBJECTIVE

Results-driven B.Tech IT graduate with hands-on experience in Python, data analysis, and machine learning. Skilled in building end-to-end ML pipelines (EDA, feature engineering, model development, evaluation) with projects in trader behavior insights and loan default prediction. Seeking a junior Data Scientist/Analyst role to apply analytical and ML skills in solving real-world problems.

EDUCATION

- **Parul University** — June 2021 – Aug 2025
  B.Tech in Information Technology — *CGPA: 7.00/10*

EXPERIENCE

- **InternPe** — Dec 2024 – May 2025
  Web Developer Intern — *Jaipur, Rajasthan*
  - Built responsive websites using HTML, CSS, JavaScript, and Bootstrap.
  - Worked on UI/UX best practices and optimized front-end performance.

PROJECTS

- **Trader Behavior Insights** | *Python, Pandas, NumPy, Matplotlib, Seaborn*
  - Conducted exploratory data analysis (EDA) on trader behavior and market sentiment using historical data and the Fear & Greed Index.
  - Identified patterns in trading activity, correlations with sentiment indicators, and visualized insights for decision-making.

- **Loan Default Prediction** | *Python, Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn*
  - Built machine learning models (Logistic Regression, Random Forest) to predict loan defaults based on borrower and loan attributes.
  - Performed data preprocessing, feature engineering, and model evaluation (Accuracy, AUC, ROC).
  - Generated insights on key risk factors contributing to loan defaults.

- **AR/VR Hotel Management Website** | *HTML, CSS, JavaScript, AR.js*
  - Designed an interactive AR/VR-based hotel booking system for immersive user experience.
  - Implemented 3D room viewing and real-time reservation UI to enhance customer engagement.

TECHNICAL SKILLS

- **Programming Languages**: Python, SQL, HTML, CSS, JavaScript
  Data Science & ML: Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, TensorFlow, PyTorch
  Data Tools: Excel, Power BI, Tableau
  Data Engineering: Basics of Hadoop, HDFS, MapReduce, Apache Spark, Apache Flink, Kafka, Stream Processing
  Deep Learning: Basics of Neural Networks, TensorFlow, PyTorch
  Other: Video Editing, UI/UX Best Practices

CERTIFICATIONS

- Python Programming: The Complete Course for Success