

Priyanshu Agnihotri

8800486726 • priyanshuagnihotri1911@gmail.com • [LinkedIn](#) • [Github](#) • [Leetcode](#)

EDUCATION

VIT BHOPAL UNIVERSITY

September 2021 onwards

Bachelor of Technology, Major in Computer Science & Engineering,

Cumulative GPA: 8.32/10

PROJECTS

Automated ML Pipeline Generator for Scalable Cloud Integration (GCP) | Python, Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn [view](#)

- Engineered end-to-end ML pipelines in Python to automate the migration of TensorFlow, XGBoost, and Scikit-learn models to Google Cloud Platform.
- Configured and orchestrated training, validation, and deployment stages using custom YAML templates and GCP services such as AI Platform and Cloud Storage.
- Streamlined MLOps workflows by generating reusable, cloud-optimized pipeline components for scalable and reproducible deployments.

Healthcare (Healthcare Platform with Age and Gender Estimation from Face images) | Python, MySQL, PHP, HTML/CSS, JavaScript [view](#)

- Developed a healthcare platform using machine learning algorithms to accurately estimate age and gender from face images, enhancing diagnostic efficiency by 40%.
- Integrated a robust backend with MySQL, streamlining data management and reducing database query times by 25%.
- Utilized Python-driven ML models to ensure robust and precise predictions, enhancing system reliability.

Customer Segmentation Analysis | Python, Jupyter Notebook, Scikit-learn [view](#)

- Constructed a clustering-based segmentation framework using K-Means to profile purchasing behavior, improving campaign targeting by 20%.
- Performed thorough data preparation and visualization, achieving a silhouette score of 0.55 and identifying four actionable customer segments.

EXPERIENCE

CodSoft, Kolkata • Machine Learning Developer (INTERN)

10/2023 – 11/2023

- Developed a real-time fraud detection pipeline with Logistic Regression and Random Forest, reinforcing transaction safety.
- Built predictive models for churn analysis using SVM and Gradient Boosting, enabling strategic customer retention.
- Implemented spam detection using NLP techniques like Naive Bayes and SVM, effectively filtering unwanted messages.

Oasis InfoByte, New Delhi • Data Analyst (INTERN)

06/2024 - 07/2024

- Interpreted Google Play Store data to identify market patterns through advanced data visualization and cleaning.
- Explored retail sales data via Exploratory Data Analysis (EDA) to reveal trends, aiding stock and promotion strategies.
- Formulated clustering models for user segmentation, driving better personalization in e-commerce marketing.

SKILLS

Programming Languages: Python, C++, PHP, HTML/CSS, SQL

Frameworks & Tools: TensorFlow, Keras, Jupyter, Power BI, Microsoft Office Suite

Databases & BI Tools: MySQL, SQL Server, MongoDB

Developer Tools: GitHub, VS Code, Anaconda

Development Methodologies: Agile, Waterfall, Scrum, SDLC (Software Development Life Cycle), ETL/ELT Pipelines

Soft Skills: Leadership, Communication, Team Collaboration, Stakeholder Management, Strategic Thinking, Negotiation

ACHIEVEMENTS

- Attained an institute rank of 434 on GeeksforGeeks, reflecting proficiency in coding and algorithms.
- Achieved AIR 310 in the JEE B. ARCH Exam, showcasing exceptional aptitude.
- Secured a Leetcode rank under 2,75,000 demonstrating strong problem-solving skills.

CERTIFICATIONS

- AWS Certified Cloud Practitioner, Amazon MERN Full Stack
- MERN Full Stack, Ethnus
- AI Engineering Professional Certificate, IBM

POSITION OF RESPONSIBILITY

- Coordinated Hindi Club development, boosting traffic by 30% and increasing event participation by 25% as PR & Outreach lead.