

Anjali Pillai

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EDUCATION

Vivekanand Education Society's Institute of Technology <i>Bachelor of Engineering in AI and Data Science, Honors in Industrial Automation; CGPA: 8.9</i>	2022 – 2026 Mumbai, India
Vidyaniketan College of Commerce and Science <i>Higher Secondary School Certificate; 75.15%</i>	2020 – 2022 Mumbai, India
S.I.E.S(Dr. APJ Abdul Kalam Memorial) High School <i>Secondary School Certificate; 92.80%</i>	2015 – 2020 Mumbai, India

EXPERIENCE

Industry Project – Panache Digilife Ltd. <i>Team Leader – IoT-based AQI Monitoring System</i> <ul style="list-style-type: none">– Led a 4-member team to develop a full AQI system with hardware integration, ML prediction, and real-time cloud streaming using Firebase; reduced data latency by 30%.– Collaborated with faculty and peers to debug hardware and tune models, ensuring on-time delivery and positive stakeholder feedback.	Ongoing Onsite
TechSaksham AI Internship <i>AI Intern – Data Analysis</i> <ul style="list-style-type: none">– Extracted actionable insights from 10K+ retail transactions using Pandas and scikit-learn to identify top 3 shopping trends.– Presented findings in a visual format using Matplotlib, improving interpretation speed for non-technical stakeholders by 40%.	Dec 2024 Remote

PROJECTS

AutoInsight: AI-Powered Insight Generator <i>Python, Streamlit, Gemini API, Scikit-learn</i> <ul style="list-style-type: none">– Built a no-code app that automates EDA, ML predictions, and AI-generated summaries from any uploaded CSV file.– Implemented unseen data prediction with 60%+ accuracy and enabled clean PDF/CSV export for business reports.– Integrated Gemini 2.5 Flash to convert structured stats into human-readable summaries with 95% formatting precision.	
Customer Churn Prediction <i>Pandas, Scikit-learn, Seaborn, Matplotlib</i> <ul style="list-style-type: none">– Performed EDA and trained multiple ML models on a 7,000+ row telecom dataset to predict customer churn.– Achieved 82% model accuracy using Random Forest and visualized key features impacting customer retention.	
Energy Consumption Recommendation System <i>React, FastAPI, Scikit-learn, Pandas</i> <ul style="list-style-type: none">– Developed a full-stack web app to analyze energy consumption and recommend cost-saving alternatives based on ML predictions.– Used Scikit-learn to train regression models that forecast monthly energy usage with 84% accuracy.	

CERTIFICATIONS & EXTRA-CURRICULAR

- Deep Learning Specialization – Udemy (Ongoing)
- Deloitte Australia Data Analytics Job Simulation – Forage
- TechTube Competition – VESIT (2nd Place in AI pitch)
- GDSC Cloud and Generative AI Courses

SKILLS

Technical Skills: Python, Java, HTML/CSS, SQL; React, Django, Streamlit; Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn; Data Analysis, Cleaning, Modeling, Visualization; Excel, Tableau, Jupyter Notebook, Git/GitHub

Soft Skills: Leadership (led 4+ team projects), Communication (2nd place TechTube 2024), Cross-functional collaboration, On-time delivery under deadlines