

Riya Patel

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Github: <https://github.com/riya992> | Trailhead: <https://www.salesforce.com/trailblazer/riya9927>

Education

Vellore Institute of Technology, Bhopal	CGPA: 9.00/10	Sept 2022 – May 2026
• B.Tech in Computer Science & Engineering		
Advait Vidyaniketan	12th: 82% 10th: 93%	June 2018 – March 2022
• Secondary & Higher Secondary School		

Skills

Languages: Java, Python, Go

Frontend: React.js, Next.js, HTML, CSS, JavaScript, Tailwind CSS

Backend: Node.js, Express.js, Flask, MongoDB, MySQL, REST API

Machine Learning & Generative AI: Supervised & Unsupervised Learning, Prompt Engineering

Data Science & Visualization: Pandas, NumPy, Matplotlib, Seaborn

Tools & Platforms: GitHub, Postman, AWS, Salesforce

Projects

AstraMedicare – Full-Stack Doctor Appointment Booking System Github

- Designed and implemented role-based authentication ensuring compliance with coding standards and security practices.
- Developed patient-side features such as appointment scheduling, EHR management, and profile handling for a seamless healthcare experience.
- Conducted code reviews and optimized backend APIs for performance and maintainability.
- Created an admin dashboard to manage doctors, patients, and appointments with real-time metrics and search/filter capabilities.

NetflixStreamLens – Exploratory Data Analysis Project Github

- Performed end-to-end EDA on Netflix dataset to uncover trends in genres, countries, and content types.
- Analyzed over 8,800+ titles to identify viewing patterns, regional content gaps, and release trends; presented insights using interactive visualizations.
- Cleaned and transformed the raw dataset, visualized global streaming trends, and extracted actionable insights for business storytelling.

E-commerce Customer Spending Prediction – Regression Project Github

- Built and evaluated a Linear Regression model in Python to predict customer yearly spending based on session behavior, achieving an R^2 score of 0.98.
- Conducted comprehensive EDA using Pandas, Matplotlib, and Seaborn to identify correlations; found *Length of Membership* as the most influential predictor of spending.
- Implemented feature selection, data preprocessing, and model evaluation workflow; visualized predictions vs. actuals with scatter plots for interpretability.

Certifications/Training

- Professional Certificate Program in Generative AI and Machine Learning – IIT Guwahati
- Full Stack Web Development – Apna College
- Cloud Technology Development Programme 3.0 – PwC Skill Building Program (Module 1) – Completed Salesforce Foundation module covering configuration, setup, object modeling, data analytics, and automation through Trailhead exercises. Gained hands-on experience with core Salesforce applications and built a strong foundation in CRM concepts as part of PwC's industry-ready talent initiative.

ECA Achievements

- Won 1st prize in the 'Read the Preamble' Quiz at IIM Sirmaur
- Ranked in the top 20 of 300+ participants in the North East Social Summit challenge – The Policymaker, IIT Guwahati.