

# Glenn Noronha

Amarillo, TX | 806-452-9271 | glenn.noronha@yahoo.com | [LinkedIn](#) | [Github](#) | [Portfolio](#)

Data Analyst and Software Engineer with experience in full-stack development, data analytics, and cloud-based systems. Skilled in Python, SQL, React, and data tools like Pandas and PostgreSQL. Built SaaS apps, REST APIs, and AR platforms, and passionate about transforming data into actionable insights.

## EDUCATION

### West Texas A&M University

Bachelor of Science in Computer Science, Software Engineering (GPA: 3.95/4.0)

- Organizations/Awards: **President's List, Dean's List, Academic All-American**

Canyon, TX

May 2025

## TECHNICAL SKILLS

**Programming Languages:** Python, SQL, JavaScript, C#, C++, R, COBOL

**Web Development:** HTML, CSS, Tailwind CSS, React.js, Node.js

**Frameworks & Tools:** REST APIs, Git, Microsoft Office

**Cloud & Infrastructure:** Vercel, AWS (familiar), Azure (familiar), Docker (familiar)

**Data & Databases:** Pandas, PostgreSQL, MySQL, NumPy, Data Modeling, scikit-learn

**Development Practices:** Agile (Scrum/Kanban), CI/CD Pipelines

## CERTIFICATIONS

Data Scientist Associate (Python) – DataCamp

May 2025

## EXPERIENCE

### MovieVerse

Full Stack Developer

Amarillo, TX

May 2025 – June 2025

- Built a movie web app with **React** and **Tailwind CSS**, integrating **TMDB API** to enable real-time search of **500,000+** movies
- Designed and implemented a dynamic search experience with debouncing, reducing API calls by **40–60%**
- Integrated **Supabase** with custom backend (using **Node.js** and **SQL**) to log and rank trending search terms in real time
- Embedded YouTube trailers and enriched UX by displaying complete metadata (ratings, genres, budgets) for **100%** search results
- Optimized for performance with Vite and deployed to Vercel, achieving **<1s** load time on most devices

### Developer Portfolio Website

Full Stack Developer

Canyon, TX

December 2024 – February 2025

- Designed and developed a modern portfolio site using **React**, **Tailwind CSS**, and **Framer Motion** to showcase technical projects, highlighting animation and responsive layout practices
- Implemented responsive design and smooth animations to optimize user experience across mobile, tablet, and desktop
- Deployed to **Vercel** with automated **CI/CD** pipelines, enabling **<1s** load times and scalable performance
- Featured **4+** major full-stack, data science, and AR projects with links to live demos and GitHub repositories

### AI Crop Yield Prediction

Data Scientist

Canyon, TX

January 2025 – May 2025

- Merged FAOSTAT and NASA data into a **14,000+** row dataset on crops, weather, and pesticides
- Developed **ML** models in **scikit-learn** (**Random Forest**, etc.) to predict agricultural outcomes based on **14,000+** row dataset
- Performed **EDA** with **Pandas** and **Matplotlib** to identify top predictors such as crop type, temperature, and pesticide intensity

### Molecular Lens AR Learning Platform

AR Developer

Canyon, TX

August 2024 – May 2025

- Built an **AR** education platform in **Unity (C#)** for Meta Quest 3 using raycasting and hand-tracking APIs to enable real-time 3D molecular interaction
- Modeled protein and cell structures in **Blender** with MolecularNodes, supporting multi-layer selection and educational overlays
- Developed core features including model manipulation (rotate, zoom, highlight), an onboarding tutorial, and interactive quizzes
- Ensured **<500ms** interaction response and smooth performance across **30+** test cases in collaboration with 3 team members

## ATHLETICS

### NCAA Athlete

Baseball Player at West Texas A&M University

Canyon, TX

August 2021 – Present

- Compete in **NCAA Division II Baseball**, balancing academic and athletic commitments
- Developed **teamwork**, **leadership**, and **strategic thinking** through competitive play
- Honed time management and goal-setting skills with **3+** hours of daily training while maintaining academic excellence