

# Jeremy Granizo

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## GOAL

To join an innovative team as a Junior Software Engineer, where I can leverage my skills in full-stack development, RESTful APIs, and scalable system design to build impactful solutions. I'm eager to grow as a problem solver and team player while contributing to real-time, large-scale applications.

## EDUCATION

**New Jersey Institute of Technology (NJIT)** Newark, NJ  
Bachelor of Science in Computer Science; May 2025  
– Relevant Coursework: Data Mining, Data Visualization, Machine Learning, Database System Design, Advanced Internet Applications.

## SKILLS SUMMARY

- **Tech Skills** Full-Stack Development (MERN Stack), RESTful APIs, Data Analysis, Machine Learning, Database Management (MySQL, MongoDB), AWS S3, Version Control (Git/GitHub).
- **Programming Languages:** Python, Java, Javascript, PHP, SQL, HTML, CSS
- **Soft Skills:** Team collaboration, Agile methodologies, problem-solving, rapid learner
- **Certifications:** Supervised Machine Learning: Regression and Classification

## EXPERIENCE

**Web Developer for Giovanna's Amazing Face Painting & Body Art** Jan 2023 – Oct 2023  
Freelance Remote  
– Designed and developed a responsive web application using React and Node.js, enabling the client to showcase services and manage booking inquiries.  
– Implemented a backend form submission system  
– Taught the client to manage the website independently, ensuring long-term sustainability.

## PROJECTS

**Gym Workout Tracker — Tech Stack: Apache, PHP, HTML, SQL, CSS** Summer 2023  
– Created a web application to track user workouts and recommend future exercises based on past performance.  
– Features include personalized workout recommendations with suggested sets and reps based on collected data.

**MERN Stack RESTful API — Tech Stack: MongoDB, Express.js, React.js, Node.js** Spring 2024  
– Designed and developed RESTful APIs using Node.js and Express.js to manage movie collections and basketball teams information  
– Implemented CRUD operations and integrated with a MongoDB database to store and retrieve data efficiently.

**BreadShop Application — Tech Stack: Apache, PHP, HTML, SQL, CSS** Spring 2023  
– Built and deployed a fully functional e-commerce platform as a personal project, simulating a bakery's online store. Built the database schema from scratch and deployed the application locally for testing and demonstration purposes  
– Designed and implemented features such as product listings and user authentication  
– Built the database schema from scratch and deployed the application locally for testing and demonstration purposes

**High-Frequency Trading Analysis and Prediction-Hackathon — Tech Stack: Python, XGBoost, Streamlit** Fall 2024  
– Developed a Streamlit app for predicting stock market movements using XGBoost (accuracy: 74.63%).  
– Displayed key performance metrics and visualizations, providing actionable insights for users.

**Full-Stack Team Project (Covey.Town) — Tech Stack: TypeScript, React, Chakra UI** Fall 2024  
– Worked in a 4-person Agile team to deliver a multiplayer domino game feature.  
– Conducted daily stand-ups, code reviews, and pair programming sessions to ensure high-quality code and timely delivery.  
– Contributed both front-end UI and back-end logic for real-time interaction.

**Reddit Sentimental Analysis — Tech Stack: Python (Pandas, Scikit-learn, Streamlit), AWS S3** Fall 2024  
– Built a dashboard for visualizing sentiment classification of Reddit data using fine-tuned NLP (BERT models).  
– Integrated AWS S3 for storing and retrieving preprocessed and classified datasets.