Thomas Gagliano II

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Software Engineer

Expertise in Full Stack Development, Quality Assurance, and User Experience

Adaptable and detail-oriented professional transitioning to software development with a background in data analysis, strategic planning, and operations. Demonstrated success in developing, implementing, and managing efficient business processes for a $60 billion institution. Aligns outcomes with organizational objectives, continuous process improvements, and scalable solutions. Possesses technical proficiency in full stack development coupled with a keen understanding of user experience, process improvements, and quality assurance. Committed collaborator and people leader focused on fostering robust cross-functional teams, elevating productivity, and achieving results. Enthusiastic learner dedicated to ongoing self-reflection and continuous personal improvement.

PROFESSIONAL EXPERIENCE

Remotasks   **2023 – Current**

Artificial Intelligence Quality Assurance Software Engineer

- Utilize innovative process flows that earned a perfect 5/5 rating as a QA tasker, showcasing precision, dependability, and positive task evaluation feedback.
- Leveraged full stack development expertise to ensure the accuracy of code-based prompts, evaluating AI output for accuracy and quality of prompt response on 100s of code-based responses across Python and JavaScript.
- Lead self-directed learning initiatives to enhance skills and stay abreast of advancements in AI technologies and contribute to the overall enhancement of AI systems.
- Collaborated on a team of 100+ machine learning and artificial intelligence professionals, providing recommendations for overall process improvements and contributing to a team KPI success rate of 97%.

Bloomberg LP   **2013 – 2023**

Data Analyst & Scrum Master (2020 – 2023)

- Served as a Scrum Master for an engineering team of 20+ staff, contributing to projects such as data migration overhaul and natural language processing search fields for over 100K Bloomberg terminal users.
- Collaborated with 5 back-end engineers to define the functionality of new workflow tools, adding over 50 new fields, eliminating 30 obsolete ones, a process optimization which saved $100,000 in unnecessary labor.
- Acted as the primary point of contact for daily data inquiries, promptly and accurately resolving 5 challenges per day from external clients, ensuring a client satisfaction of 97%.
- Served as key technical writer for loan-based environmental sustainability policies, including linking pricing metric updates and formulating departmental standard criteria for Green Loans, resulting in increased client participation.

Data Analyst (2015 – 2020)

- Led a team of 15 municipal bond analysts, earning recognition as the highest-achieving analyst for efficient volume processing within the department with over 3000 deals processed.
- Ensured timely and accurate uploading of negotiated and competitive bond deals on the Bloomberg terminal with a minimal error rate. Simultaneously, updated corporate actions, including current and advanced refundings.

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- Promoted to deliver exceptional customer support, defining multiple new and enhanced products and services through over a dozen incoming client phone calls and live online ticket chats.

Data Analyst (2013 - 2015)

- Provided over 100 daily historical pricing uploads and newsroom index ticker creations within 24 hours of client request, ensuring prompt and efficient service. Designated internal and external tickets to the correct department.
- Took initiative in playing an active role in bolstering trainee confidence, cultivating a positive environment that inspired them to consistently deliver peak performance and exceed expectations.

TECHNICAL SKILLS

Programming Languages / Frameworks: *Python, JavaScript, Ruby, Node.js, Ruby on Rails, React.js, MongoDB, HTML/CSS, SQL, Bootstrap, REST*

Data: *Postgres, APIs, Node/npm, Git/GitHub*

Systems: *Windows, Linux, macOS*

PROJECTS

Job Application App - Built a single-page application to help users manage their job search process by tracking applications, interviews, and follow-ups.

- Backend RESTful API using MVC architecture built with Node.js and MongoDB.
- Frontend single page application built with npm and React.js.
- Secure authenticated user profiles using JSON web tokens.
- Incorporated additional features such as document attachments and note-taking functionality for each job application.

Gym-App Project - Engineered a user-friendly interface that facilitates efficient exercise searches and integrates selected workouts into individualized workout regimens.

- Backend RESTful API using MVC architecture, built with Ruby on Rails.
- Frontend single page application built with npm, webpack, React.js, Bootstrap.
- Secure authenticated user profiles using JSON web tokens.
- Incorporated additional exercises using RapidAPI Exercises by API-Ninjas.

Weather-App Project - Developed an intuitive platform allowing users to input any global city name and receive comprehensive, up-to-the-minute weather forecasts with precision and ease.

- Full Stack Rails application styled with Bootstrap, Tailwind.
- Utilized the OpenWeatherMap API to obtain current forecast and 5-Day locational forecast data.

EDUCATION & CERTIFICATIONS

Bachelor's Degree in Accounting – *University of Arizona*

Full Stack Engineer Coding Certificate – *Actualize Coding Bootcamp*

Certified Scrum Master – *Scrum Alliance*