Joel Grimaldi

EXPERIENCE

Jagware — Software Engineer (Founder-Led Startup)
January 2024 – Present

- Engineered backend system supporting 200+ concurrent TikTok livestream viewers, triggering real-time in-game interactions using Python and JavaScript
- Implemented fault-tolerant handling for dropped events, API timeouts, and long-running processes, maintaining 24/7 operation
- Developed monetization pipeline converting livestream gift events into in-game actions, generating recurring revenue
- Built and deployed production website with HTML, CSS, and JavaScript, supporting customer acquisition and direct sales
- Created cross-platform automation tools in Python and JavaScript, reducing manual data processing and improving operational efficiency

Lineate — Software Developer Intern
January 2022 – July 2022

- Validated and updated structured JSON to enforce correct relationships across internal data-driven systems
- Resolved production data issues in Agile environment using Git, improving system reliability

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EDUCATION

Rensselaer Polytechnic Institute — B.S. in Computer Science, 2023
Recipient of the Rensselaer Medal Award

SKILLS

Python, JavaScript, C++, HTML, CSS, Git, APIs, Event-Driven Systems, Automation