

ANDRIY MARTYNYSHYN

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SOFTWARE ENGINEER | MANUFACTURING SYSTEMS | TEST & AUTOMATION

Software Engineer with an M.S. in Data Science & Analytics and professional experience developing software solutions, data pipelines, web applications, and automation tools in manufacturing and business environments. Experienced with Python, JavaScript, TypeScript, SQL, PostgreSQL, Linux, Windows, CI/CD pipelines, Git, and Jenkins. Strong background in testing, validation, troubleshooting, process improvement, and cross-functional collaboration supporting manufacturing and operational teams.

TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript, Java, C#, C++, C, Visual Basic

Databases: PostgreSQL, SQL Server, MySQL, MongoDB

Tools: Git, GitHub, Jenkins, Maven, Jira, Informatica DEI

Web & Software: React, Node.js, HTML, CSS/SCSS, REST APIs, JSON, XML

Systems: Windows, Linux/Unix, CI/CD, DevOps, Software Testing, System Validation

PROFESSIONAL EXPERIENCE

Profiler

Sep 2026 – Present

Cardinal Health

Depew, NY

- Perform quality verification and validation of outbound shipments in a high-volume distribution environment.
- Analyze discrepancies, validate operational data, and coordinate corrective actions with warehouse and operations teams.
- Utilize warehouse management systems, RF scanners, and automated processes to maintain accuracy and compliance.
- Support continuous improvement initiatives focused on process reliability, efficiency, and quality assurance.
- Operate and interact with industrial equipment while adhering to safety and operational standards.

Data & Software Programmer

Feb 2023 – Oct 2023

Diversified Control Inc.

Orchard Park, NY

- Developed and maintained software solutions and data pipelines using Python, SQL, PostgreSQL, JavaScript, React, and Node.js.
- Collaborated with engineering and operations teams to analyze requirements, troubleshoot issues, and improve system performance.
- Implemented CI/CD and DevOps practices using Git and Jenkins to streamline deployment and testing processes.
- Performed software validation, code reviews, debugging, and production support.
- Optimized database performance and automated operational workflows.

Software Engineer

Apr 2022 – Feb 2023

Mean Guppy Inc.

Buffalo, NY

- Developed and tested software applications using JavaScript and TypeScript.
 - Designed, implemented, and validated software functionality through automated and manual testing.
 - Collaborated with cross-functional teams to deliver reliable software solutions for production environments.
 - Supported troubleshooting, deployment, and maintenance activities throughout the software lifecycle.
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EDUCATION

Master of Science, Data Science & Analytics

SUNY Buffalo State University

GPA: 3.83

Bachelor of Science, Computer Information Systems

SUNY Buffalo State University

GPA: 3.97

CERTIFICATION

- Full Stack Web Development Bootcamp (Austin Community College)
- DEVASC: Code Organization, Design Patterns & Version Control (Completed May 2026)
- Software Design and Development: Design Patterns & SOLID Principles (Completed May 2026)
- Cloud Computing: Introduction to Cloud Computing (Completed May 2026)
- Design Patterns Part 1 (Completed June 2026)
- Design Patterns Part 2 (In Progress)