

# Dylan Molnar

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Portfolio: [dylanjmolnar.github.io/portfolio](https://dylanjmolnar.github.io/portfolio) GitHub: [github.com/dylanjmolnar](https://github.com/dylanjmolnar) LinkedIn: [linkedin.com/in/dylanjmolnar](https://linkedin.com/in/dylanjmolnar)

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## >PROFESSIONAL EXPERIENCE

### **Pfizer/iPura | Automation Engineer | Andover, MA**

Sep 2022 - Present

#### MCS System Upgrade - Suite (x5) & Utilities Group (x2):

- Upgraded the Suite MCS automated control systems and PLC infrastructure
- Refresh SCADA screens: process screens, reusable & custom control modules, engineering screens, reports, alarming, etc...
- Setup SCADA tags, reports, alarm handling, historian, and SQL
- Upgraded Rockwell PLCs from PLC-5 to ControlLogix
- Drove a significant decrease in failure rate for product batches

#### New Ultra Filtration Skids (x4), Poly Depth Filter Skids (x2), & Microfiltration Skid:

- Develop and set up fully automated new skids
- Develop and update SCADA screens including process screens, batching, etc...
- Setup SCADA tags, reports, alarm handling, historian, and SQL
- Provided experience and support for PLC integration
- Provided automation support for FAT/SAT tests

#### Plant Alarm Response Upgrade:

- Site-wide upgrade to alarm response handling
- Standardized alarm acknowledgement and responses based on priority and GMP impact
- Drove a dramatic improvement in alarm handling and flow of responsibility

## >FREELANCE EXPERIENCE

- Provided automated moderation services for chatting platforms spanning 50k+ users
- Retail Smart: Developed and maintained the website and app
- Portfolio, retail, blog, etc... websites setup and deployed for clients

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## >SKILLS

**Automation Engineer:** SCADA, GE iFIX, PLC, SQL, Rockwell, Logix Designer, Python, ControlLogix, PLC-5, FactoryTalk, Oracle, OPC, OSI PI, Dream Report, Validation, GMP

**Software Developer:** Typescript, Javascript, Python, HTML5, CSS, Node.js, React, Next.js, Vite, JSON, SQL, Git, Firebase, Rest API, Web Scraping, PHP

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## >EDUCATION

**Bachelors of Science in Chemical Engineering,** *University of Massachusetts Amherst* Mar 2022

**Minor in Chemistry,** *University of Massachusetts Amherst*