

# 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

#### Suite Upgrade Projects:

- Upgraded the Suite MCS control systems to be compatible with more modern equipment.
- Designed and implemented the SCADA interfaces, and recreated and standardized databases.
- Upgraded Rockwell PLCs from PLC-5 to ControlLogix.
- Drove a significant decrease in failure rate for product batches.
- Upgraded the Plant Alarm Response to handle new cGMP protocols.
- Utilized multiple technologies such as iFIX GE, SQL, Dream report, Logix Designer, Oracle, and Python.

#### New Ultrafiltration Skids:

- Develop and set up a fully automated new skid.
- Develop new SCADA screens that integrate with the existing upgrade projects' new standards.
- Setup SQL, iFIX tags, report functionality, and alarm handling to work with the new skid.
- Provided experience and support for PLC integration.
- Provided automation support for FAT/SAT tests.

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## >CONTRACT

### **Retail Smart | Software Developer | Boston, MA**

Mar 2023 - Dec 2024

- Connect wholesale retailers and buyers to fulfill contracts for different companies such as Thatcher Farms, 7-11 and Boxes and Bags Unlimited.
- Designed, developed and tested the web platform to showcase what the buyers and sellers are purchasing and selling.
- Implemented ReactJS, Chakra-UI and bootstrap to render the application.
- Maintained effective concise communication with company representatives to ensure application feature requirements were met and delivered on time.

### **Automated Moderation Service | Software Developer**

Jan 2018 - Apr 2021

- Developed and maintained a NodeJS service that handles moderation, user features, and other services for communities on Discord serving over 50,000 users.

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## >SKILLS

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

**Full Stack Development:** 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*  
**Minor in Chemistry,** *University of Massachusetts, Amherst*

Mar 2022