

Eliot Solbrig

95 8th Street NW 504, Atlanta , GA 30309 eliot.solbrig@gmail.com 734-780-5507 eliotsolbrig.com

Technical Skills and Abilities:

- **Software/Programming/Platforms:**
 - Javascript, Golang, Python, VBA, HMTX, Java
 - SQL(MySQL/Oracle/PostgreSQL) - Database management/design and performing queries/stored procedures for data analysis
 - REST APIs, Git, Docker
 - Experienced developing/deploying software on Linux systems
 - Google Cloud Platform - Cloud Run/SQL/Cloud Storage
- **Process/Production Engineering**
 - Process and Equipment troubleshooting skills
 - Experienced in operation/troubleshooting logic in Distributed Control Systems(Emerson Delta V), Manufacturing Execution Systems(Siemens), and Process Historian(OSI PI)
 - Siemens MES - Electronic Batch Management System
 - * Managing/resolving sync/OPC errors communicating between DCS and MES.
 - * Using SQL to query data from production DB to collect and analyze data for process improvements and investigations.
 - * Change control process / Function Verifications
 - Experienced working with and training operators in manufacturing environment.

Education:

University of Michigan, Ann Arbor MI Graduated May 2022
BSE in Chemical Engineering Cumulative GPA: 3.49

Work Experience:

Takeda Pharmaceutical Company, Social Circle, GA June 2022 - Present
Production Engineer

- Built/manage application in VBA which monitors process times in order to catch and correct process delays. Managed and facilitated user feedback to continuously improve the application.
- Reduced manufacturing events, user interventions, and batch record alerts.
- Troubleshooting of equipment, software, and process issues in GMP manufacturing facility for a batch biopharmaceutical process.
- Identified and developed opportunities to reduce cycle time, error proof operations, and eliminate waste.

SDE Technologies, Atlanta, GA January 2023 - Present
Company Owner

- Identified target problem to solve, performed market research on problem.
- Managed team of developers in development of web applications

Software Developer

- Developed webapp using a Nodejs backend and Reactjs frontend. Creation/management of MySQL databases
- Deployed/Managed GCP applications and services
- Utilized SQL to perform data analysis for visual presentation of critical data
- Developed Javascript server that automates phone calls and collected data from responses.
- Assisted with development/migration/deployment of webapp using server side rendering with Golang.
- Deployed servers/databases to production environment.

BAE Systems, Sterling Heights, MI July 2019 - June 2022

Product Environmental Engineering Co-Op/Technical Intern 3

- Communicated and collaborated cross-functionally with other engineers and vendors, in managing of data and production of deliverables and reports for the customer.
- Improved the efficiency of data collection, management, and analysis processes using VBA and Python.
- Reviewed drawings for chemical and material data for use in environmental hazard analysis and production environmental technical documentation.