

Aidan Murphey

Software Engineer

amurphey7@gmail.com

AidanMurphey.com

[LinkedIn](#)

[GitHub](#)

Objective

Proven self-starter with over three years experience growing and thriving in fast-paced work environments. Driven to continue learning to solve bigger and harder problems in technology.

Education

Computer Science BS, 4.0 GPA @ Rutgers University

- Noteworthy courses: Design and Analysis of Algorithms, Data Structures and Algorithms, Computer Organization, and Secure Coding

Work Experience

Lockheed Martin, Software Engineer (1/2022 – Present)

- Drove the effort for the **containerization** of development environments for **10+ software products** owned by my team.

DeliveryCircle, Software Engineer (01/2019 – 12/2021)

- Developed brand new SaaS application **from start to delivery** and onward. Application is a cloud-based, delivery-management platform. Multi-year project that now serves as the company's core product.
- Automated several developer pain points, such as regularly needing to manually update database seeders to reflect the state of a production database.
- Interviewed numerous potential new hires at the company. **My recommendations led to 2 job offers** made to new engineers.

Projects [More available on GitHub \(link\)](#)

Rubik's Cube Solver ([GitHub](#))

- Rapidly solves a Rubik's Cube from any starting state
- Works by imagining all possible states of the cube as a graph, and then performs an optimized breadth-first search to quickly build a path from the starting state to the end state
- Utilizes: Python, Graph Theory

Aidanvel ([GitHub](#))

- Reproduces many of the core features of Laravel, a popular PHP web framework
- Features implemented: routes, controllers, views, HTML templating, route parameters, etc.
- Utilizes: PHP, Composer

EnconHealth ([GitHub](#))

- Robust web solution created for Encon Mechanical to help protect the health of employees during COVID-19
- Provides employees a simple page to affirm their health status as well as an administration panel for executives to track employee responses and configure the application
- Utilizes: PHP, Laravel, MySQL, JavaScript, HTML, CSS, Bootstrap, Mailgun, DNS, Cloudflare, Continuous Deployment

Skills

Java, PHP, JavaScript, SQL, HTML, CSS, Python, Laravel, Node.js, React, Git, Express, C++, AWS, Google Cloud, Docker, Containerization, Testing, Unit Testing, Web Development, REST API, Bootstrap, ES6, Linux, Windows, Mac OS, Ubuntu