Aidan Murphey

Software Engineer

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LinkedIn

GitHub

Objective

Proven self-starter with 8 years programming experience and over two years growing and thriving in a highly ambiguous and fast-paced environment at DeliveryCircle. Driven to continue learning to solve bigger and harder problems in technology.

Education

Computer Science BS, Rutgers University (4.0 GPA) (Expected Graduation: December 2021)
- Noteworthy courses: Data Structures and Algorithms, Secure Coding, Programming Languages, Computer Organization, etc.

Work Experience

Software Engineer, DeliveryCircle (01/2019 – Present)
- 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.
- Led effort to containerize company's software product and automate the creation and deployment of new development/production instances of the application. **Saves 3+ hours per week of CTO's and engineers' time.**
- 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 my 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

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