

# Richard Eldridge

## SUMMARY:

Software Developer with 2 years full stack experience. Highly skilled and knowledgeable at scripting, creating high functioning user-interfaces, refactoring inefficient code, and object-oriented-programming due to my experience with numerous API integrations, creating multiple subsystems, and modernizing legacy code. Well-versed in professional communication, troubleshooting complex problems, working with remote team members, and e-commerce business operations.

## WORK EXPERIENCE:

### Atlanta Network Technologies (antonline)

Smyrna, GA | Jun 2022 – current

Software Developer I

#### System Design

- Designed, created, implemented, and maintained sub systems for logistics and marketplace inventory integration. These new subsystems reduced code volume by 60% and increased code readability.

#### Extend Infrastructure

- Created a Linux and PHP solution that maintains data integrity by ensuring scripts run only 1 instance at a time.
- Employed Object-Oriented-Programming (OOP) to unify front and back-end code of internal logistics interfaces which increased readability and decreased code complexity and maintenance time by 80%.
- Designed and implemented an API that allowed JavaScript (JS) to utilize and call PHP classes and functions through the JS Fetch API.

#### API Integration & Maintenance

- Implemented and updated 3<sup>rd</sup> party API integrations using PHP scripts with OOP and Model-View-Controller (MVC) architecture. This reduced maintenance time by 50% compared to legacy integrations.

#### Create and Maintain Reports

- Developed a PHP API and new JavaScript architecture which enabled fully reactive reports and reduced required code by 50% compared to previous implementations.
- Improved the user experience of legacy reports by integrating JavaScript and improving their visual appeal.
- Modernized legacy reports by adding MVC and OOP architecture to decrease maintenance by 75% and while improving readability.

#### Monitor Logs

- Interpreted system logs to identify bugs, ensuring an optimal customer facing experience.

### SGPS ShowRig, Inc.

Norcross, GA | Feb. 2015 – Jun 2020

Department Head of Motor and Power Control

## EDUCATION:

### Software Development Diploma

\*EU Accredited RQF Level 5 Diploma

Code Institute

May 2020 – Nov. 2021

### Bachelor's of Computer Science

Kennesaw State University

\*\*In progress - Senior

## CONTACT:

[Richardaeld@gmail.com](mailto:Richardaeld@gmail.com)

[Projects Website](#)

[GitHub](#)

[LinkedIn](#)

## SKILLS:

### Languages

JavaScript

Java

PHP

CSS /

HTML

Python

### Tools

Linux

Git

Docker

Visual Studio

Code Google

Meet

### Databases

Percona

MySQL

PostgreSQL

Mongo DB

### Libraries

Node.js

Express.js

React.js

## ACCOLADES:

### Hack-a-thon Awards

1<sup>st</sup> Place Award- 2022

3<sup>rd</sup> Place Award- 2021

### Code Institute Projects with Merit Distinction

Fat Raccoon Website

Eldridge Music Emporium