

# Andrew Cartwright

Full-Stack Software Engineer from Birmingham, passionate about TypeScript, React, Node.js, and Arduino projects. Linux enthusiast with a love for mentoring, gardening, cooking, woodworking, hiking, and spending time with pets.

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<https://atlc.dev>  
<https://github.com/atlc>

## EXPERIENCE

### Covalence, Remote — *Software Developer / Lead Instructor*

2020 - PRESENT

Led full-stack web development bootcamp, provided personalized 1-on-1 student mentorship, actively developed and maintained curriculum, and produced public programming tutorials.

### Hubbard Systems, Remote — *Devops Engineer*

2019 - 2020

Started DevOps department, automated internal processes, created CI/CD pipelines for a COBOL+Java+Electron/React app, and developed devtools and documentation system.

### Vincari, Birmingham — *Software Engineer*

2016 - 2017

Worked on our legacy EMR application in a rebuild phase, performing both bug fixes and developing new features, including creating a logging and analytics system.

### Hubbard Systems, Birmingham — *Application System Analyst*

2015 - 2016

Provided training and support for our accounting application, and performed Windows, Linux, and MS SQL server administration..

## EDUCATION

### A.S. Mathematics, Jefferson State Community College

2024

Mu Alpha Theta member & obtained a 3.3 GPA in my math courses, including Cal I, II, III, Statistics, Differential Equations, & Linear Algebra.

### A.S. CIS - Programming, Jefferson State Community College

2017

The recipient of the 2016 College Scholars award

## SKILLS

TypeScript, React, Node.js, ES6+ JavaScript, HTML5, CSS3, mobile responsive design, Tailwind, Bootstrap, MaterialUI, styled-components, Stripe, Square, Mailgun, Mailchimp, auth, Passport.js, JWTs, RESTful API design, Relational SQL (mainly Postgres and MySQL), NoSQL (primarily MongoDB), key-value DBs (primarily Redis), python, C++, Arduino, Linux, git, AWS, Azure, Heroku, DigitalOcean, Devops, Jenkins

## CERTIFICATIONS

### Microsoft:

- Azure Fundamentals
- MTA Software Development
- MTA Database Administration
- MTA Security Fundamentals

### AWS:

- Certified Cloud Practitioner (*expected July 2024*)
- Certified Developer (*expected August 2024*)

### Linux Professional Institute:

- Linux Essentials
- LPIC-1 (*expected August 2024*)

### CompTIA:

- Healthcare IT Technician