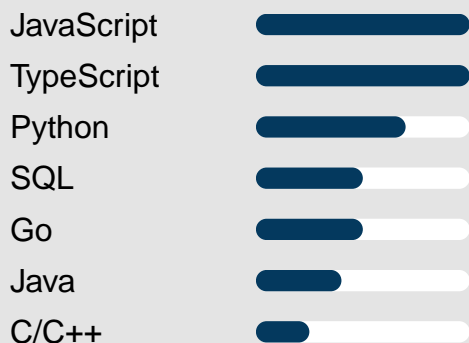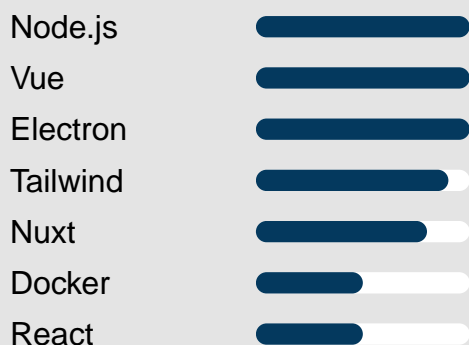## About Me

I am a full-stack developer with a passion for creating beautiful and functional applications. I have experience with a variety of technologies and am always eager to learn more.

Languages

- JavaScript
- TypeScript
- Python
- SQL
- Go
- Java
- C/C++

Technologies

- Node.js
- Vue
- Electron
- Tailwind
- Nuxt
- Docker
- React

Projects

- Bucket Browser
- Boot Builder
- Typed Electron IPC
- Glob Copy
- Node Rsync
- Portfolio

Kyle Upton
Senior Software Developer

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Work Experience

DigitalGlue
Atlanta, GA · Oct 2018 - Present

Senior Software Developer — Feb 2023 - Present

- Led and supervised a team of 3 junior developers, providing mentorship, conducting code reviews, and establishing coding standards.
- Directed a company-wide transition from JavaScript to TypeScript, improving code quality and maintainability, which reduced bugs by 25% and increased developer productivity by 20%.
- Spearheaded the design and implementation of an update pipeline for the company's Electron.js desktop application, enabling over-the-air updates for users.
- Led the refactoring of the product's REST API using modern JavaScript practices, reducing page load times by 35% through the elimination of blocking I/O.

Software Developer — Nov 2021 - Feb 2023

- Designed and implemented new features for the core product, translating project manager requests into practical software solutions.
- Provided direct support to clients and effectively debugged production issues.
- Maintained multiple production codebases, ensuring the stability and efficiency of the software.
- Developed a Python API to programmatically control BlackMagic Design's DaVinci Resolve video editing software, showcased in a demo that won the NAB Show Product of the Year 2022.
- Successfully redesigned the products's web stack, eliminating unnecessary middleware layers to improve security, eliminate bugs, and enhance DX.

Intern — Oct 2018 - Nov 2021

- Collaborated with both backend and frontend teams to contribute to the development of new features.
- Conducted thorough testing of new features, ensuring functionality and performance met quality standards before deployment.
- Created a set of email templates for use in the product's notification system, enhancing communication efficiency.
- Sharpened full-stack web development skills through hands-on experience and continuous learning.

Education

BS Computer Science
Kennesaw State University