Christopher Johnson

Maker of things.

RÉSUMÉ · 2026

Full-stack and frontend software engineer, from pixels to infrastructure.

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Open to on-site hybrid remote

SUMMARY

Full-stack and frontend software engineer with 12+ years of professional experience: web, mobile and backend, in healthcare, transportation, e-commerce and construction-finance software. Most recently spent nearly 7 years at Trimble building the frontend of Trimble Financials, which launched publicly in 2026. Strongest where product and engineering meet: designing the UI patterns other screens get built on, modernizing legacy systems, and testing thoroughly. Also founded and runs a company and app (PicSpin) end to end: mobile client, API, cloud infrastructure, CI/CD, moderation and compliance.

EXPERIENCE

Software Engineer · Trimble Inc. · Colorado

Jan 2020 – Nov 2026

// Angular, React, TypeScript, Node.js, MongoDB, Azure

Trimble Financials 2023 – 2026

- Frontend developer on Trimble Financials, a construction financial-management product that launched publicly in July 2026.
- Built the first working demo of dynamically created lists in JSON Forms with custom renderers. It became the foundation of the cost-proposal / line-item entry UI that the launch press release highlights.
- Built reusable, generic frontend components in Angular and React on Modus, Trimble's public UI library.
- Developed AI tools to streamline product requirements and ticket generation, using defined personas, concrete testing guidelines and references to previous work.

Trimble Estimation MEP 2020 – 2023

- Helped build the Estimation MEP web app across the stack: UI and canvas design, web app data flow, data-grid research and implementation (DevExtreme), and database schema design.

> HIGHLIGHT · DRAWING COMPARE AND OVERLAYS
> Built, largely solo, the overlay engine behind Estimation MEP's **Drawing Compare and Overlays** feature, which Trimble demos publicly. It's an Azure serverless function that uses OpenCV to map annotated floor plans onto new drawing revisions, reconciling three coordinate systems into a versioned list.

- Advocated for colorblind-safe overlay colors (red/blue rather than red/green).

Position eliminated in a November 2026 reduction in force.

Owner / Founder · PicSpin LLC

Mar 2026 – present

picspin.app · in development

// Flutter, Dart, Node.js, Fastify, React, Fly.io, Cloudflare R2, Android/iOS

- Built and run PicSpin, a photo-sharing mobile app, end to end:
  - Flutter client (Android/iOS, including home-screen widgets).
  - Node.js/Fastify API on Fly.io.
  - Private Cloudflare R2 image storage served through short-lived signed URLs.
  - React admin panel.
- Designed an image-moderation pipeline that fails closed, plus a per-install credential / identity-lease auth model, with integration and contract tests in CI.
- Ran a security-hardening audit of the codebase: closed auth-perimeter gaps and added test gates to the release pipeline.

Software Engineer · Red Rock Tech Solutions

Nov 2016 – Dec 2019

Colorado Springs, CO / Remote

`// C#, React, SQL Server, Azure, SignalR`

- Developed and maintained a client-facing transportation management web application with real-time vehicle tracking and permission-based authorization levels.
- Fixed and modernized legacy applications the business relied on every day.
- Designed and developed a transaction management application that recovered hundreds of dollars a week in revenue that had previously been discarded.
- Implemented a dynamic scripting system to test passenger trips end to end across real systems.

EARLIER

Software Development Contractor · eBags · Greenwood Village, CO — Aug 2016 – Nov 2016

`// .NET, XML/JSON/EDI`

.NET ETL across XML, JSON and EDI, built test-first.

Technical Systems Analyst, Team Lead · Hamilton-Ryker · Montgomery, AL — Feb 2015 – Jul 2016

`// Rails, Docker, Azure`

Open-source healthcare (OSEHRA popHealth, Rails) and secure patient-data transfer tooling, deployed to Azure via Docker.

Programmer Analyst · Rural Sourcing Inc. · Mobile, AL — Apr 2014 – Feb 2015

`// ASP.NET, C#, VB, T-SQL`

ASP.NET healthcare web app (C#, VB, T-SQL) and HIPAA-regulated data transfer.

Software Development Intern · University of South Alabama · Mobile, AL — Feb 2013 – Apr 2014

`// ASP.NET MVC, C#`

RESTful claims-management app in ASP.NET MVC.

FREELANCE

Freelance Developer · Anigeek Applications

Aug 2007 – present

`// Node.js, PHP, MySQL, Azure, Java/Android`

- Developed CardFarm, a cross-platform multiplayer HTML5/Node.js game prototype (unreleased).
- Developed and maintained a RESTful API in PHP/MySQL.
- Published an open-source, cross-machine, language-agnostic clipboard manager (Node.js, Azure).
- Master Sword (Android, Java): a fan-made entertainment app with 100,000+ downloads.

PROJECTS

- **Homelab as code.** Proxmox and Ansible infrastructure with GitOps deploys, Terraform provisioning and monitoring. Runs the home's services and home automation, including custom ESP32 hardware.

SKILLS

Languages	TypeScript/JavaScript, C#, Dart, Python, Java, Ruby, PHP, SQL, Bash
Frontend & mobile	Angular, React, Modus, JSON Forms, DevExtreme, Flutter, Android, ASP.NET MVC
Backend & data	Node.js (Fastify), .NET, Rails, REST/OpenAPI, MongoDB, MySQL, SQL Server
Cloud & infra	Docker, Azure (incl. Functions), OpenCV, AWS, Fly.io, Cloudflare (R2, Workers), Proxmox, Ansible, Terraform, CI/CD
Practices	TDD, contract/integration testing, security hardening (incl. HIPAA data handling), design docs and code review

EDUCATION

University of South Alabama · Computer Science — 2010 – 2014

Video Game Development Club (founding member, lead 2D programmer) · ACM member