Ryan Crews

Software Architect & Full Stack Developer

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PROFESSIONAL SUMMARY

Software Architect and Full Stack Developer with 8+ years of experience designing and delivering scalable web applications, cloud-native platforms, and high-performance customer experiences. Proven track record architecting edge computing solutions, implementing modern CI/CD pipelines, and leading cross-functional engineering teams. Deep expertise in JavaScript/TypeScript ecosystems, AWS infrastructure, and web accessibility standards. Passionate about creating intuitive, accessible user experiences that drive measurable business impact.

PROFESSIONAL EXPERIENCE

Solutions Architect & Engineering Lead
Oct 2025 – Present

Georgia-Pacific LLC • Charlotte, NC (Remote)

- Lead the architecture, design, implementation, and ongoing maintenance of AWS-based infrastructure ensuring optimal security and performance
- Manage teams of engineers overseeing design, development, and maintenance of new technologies to meet evolving business needs
- Develop and deploy React-based applications on Cloudflare KV utilizing Cloudflare Workers for fast, efficient content delivery
- Design and implement APIs for seamless integration with third-party software including Salesforce, Pardot, and digital asset management platforms
- Collaborate with stakeholders ensuring solutions align with business goals while prioritizing reliability, resiliency, and security

Senior Software Engineer / Technical Lead
Aug 2023 – Oct 2025

Georgia-Pacific LLC • Charlotte, NC (Remote)

- Built Edge Apps Platform shipping React/TypeScript applications on Cloudflare Workers/KV with built-in observability and monitoring
- Reduced page load times by 40% and improved Core Web Vitals through CDN-first architecture and aggressive performance optimization
- Mentored junior developers on modern JavaScript patterns, testing strategies, and cloud deployment workflows
- Collaborated with product and UX teams to deliver data-driven feature improvements and A/B testing frameworks

Senior Technology Analyst   Jun 2020 – Aug 2023

Georgia-Pacific LLC • Atlanta, GA (Remote)

- Spearheaded agile development process for cross-functional teams, establishing robust development workflow and CI/CD pipeline
- Enhanced development-to-production process implementing automated code and database deployments to AWS using Elastic Beanstalk
- Led effort to improve software version control and testing pipelines using Git and CI/CD tools
- Delivered full-stack features for e-commerce platforms using React and PHP with data-driven UX improvements

Frontend Developer (Contract)   Apr 2020 – Nov 2021

Georgia-Pacific LLC • Atlanta, GA (Remote)

- Developed React components and features for enterprise web applications
- Collaborated with design and backend teams to deliver pixel-perfect, performant user experiences

Full Stack Developer   Jan 2019 – Nov 2019

AMS Vans • Tucker, GA (Remote)

- Designed and developed full-stack web applications using modern technologies enhancing user interaction and functionality
- Worked closely with cross-functional teams to provide technical advice and solve complex programming challenges
- Assisted in design of customer-facing web applications ensuring high performance and scalability

Frontend Developer   Jan 2018 – Jan 2019

AMS Vans • Tucker, GA (On-site)

- Developed and implemented responsive web designs improving user experience across various platforms
- Contributed to backend development efforts and maintained version control using GitHub

UI/UX Developer   Mar 2016 – Oct 2017

Southwire Company • Carrollton, GA (On-site)

- Created wireframes, landing pages, and digital media assets to enhance user experience across multiple web properties
- Collaborated with stakeholders to ensure cohesive, integrated customer experiences across digital touchpoints
- Optimized web content using Google Analytics and Salesforce tools to track and improve user engagement

FEATURED PROJECTS

Georgia-Pacific Building Products Platform   2025 – Present

React • PHP • AWS • Terraform

Product catalog and dealer locator with CDN-first delivery and analytics-driven UX improvements serving millions of users.

Edge Apps Platform   2023 – 2025

Cloudflare Workers • React • TypeScript • Terraform

Internal platform shipping React/TypeScript apps on Cloudflare Workers/KV with CDN-first patterns and built-in observability.

AMS Vans Commerce Experience   2019

Node.js • Express • Handlebars • AWS • MySQL

Customer-facing e-commerce platform with faster browse-to-lead flows, SEO optimization, and measurable conversion lift.

TECHNICAL SKILLS

Frontend Development

JavaScript (ES6+) TypeScript React HTML5

CSS3 Handlebars Tailwind CSS Bootstrap

Responsive Design

Backend Development

Node.js Express PHP Laravel MySQL Aurora

REST APIs

Cloud & Infrastructure

AWS (EC2, S3, Lambda, RDS) Cloudflare Workers

Terraform CI/CD Pipelines Git/GitHub

Specialties & Practices

Web Accessibility (WCAG 2.1) UI/UX Design

Performance Optimization SEO Agile Development

Mobile-First Design

EDUCATION

University of West Georgia   2015 – 2017

Bachelor's Degree, Management

Carrollton, GA

The University of Georgia   2011 – 2015

Bachelor's degree, Management Information Systems and Services

Athens, GA

CERTIFICATIONS & ACHIEVEMENTS

AWS Solutions Architect Associate   Issued Jun 2020

Amazon Web Services (AWS)

Eagle Scout   Awarded Aug 2010

Boy Scouts of America