

# RYAN ROSE

SENIOR SOFTWARE ENGINEER / IT MANAGER / CREATIVE TECHNOLOGIST

✉ ryan@ryankeithrose.com

📍 Toledo, Ohio

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## Summary

Creative technologist and award-winning engineer with over a decade of experience driving innovation across software development, cloud infrastructure, and digital media. Proven track record in delivering scalable, user-centric solutions. Skilled at bridging technical, creative, and business needs to drive holistic success. Emmy-awarded for interactive design and known for leading cross-functional projects that balance vision with execution. Seeking to lead creative-technical initiatives in mission-driven, innovation-focused environments.



## Notable Recognition

### Upper Midwest Regional Student Emmy Award (2009)

Recognized by the National Academy of Television Arts & Sciences for excellence in interactive media. Led front-end UX, Flash development, original scoring, and multimedia integration for an award-winning digital storytelling project on Midwestern ghost towns.

## Skills

- Leadership & Management:** Product Lifecycle Management, Executive Business Strategy, Team Mentorship, Architecture Roadmapping, Customer Development, Agile Coaching, Requirements Gathering
- Languages / Tools:** PHP, Golang, SQL, MySQL, MSSQL, REST / SOAP API, Docker, Redis, Git, CI/CD Pipelines
- Cloud & Infrastructure:** Microsoft Azure, Amazon Web Services, Kubernetes, Cloud Security, Vulnerability Management
- Frontend / UX / Design:** HTML5, CSS, JavaScript, jQuery, Bootstrap, Figma, Adobe Creative Suite, XML, Zend Server, UI/UX Design, Responsive Web Design
- Marketing & Creative:** Social Media Marketing, Digital Marketing, Brand Development, Google Analytics, Google Tag Manager, Product Development, Content Strategy, Print & Digital Media Production

## Professional Experience

**Sweetwater Sound** - Fort Wayne, Indiana

10/2024 - Current

### Senior Software Engineer 10/2024 - Current

- Designed and built backend services in Golang, Docker, and Kubernetes to support eCommerce infrastructure
- Supported full-stack initiatives (React/jQuery) and mentored junior devs across platforms
- Helped modernize legacy systems, streamline deployment, and improve architectural cohesion
- Coordinated architectural decisions and integrations across microservices to enhance system resilience

**Oldcastle BuildingEnvelope** - Toledo, Ohio

04/2014 - 05/2024

### IT Manager / Principal Software Engineer 03/2022 - 05/2024

- Led divestiture engineering strategy, vendor management, and cloud transitions (AWS/Azure)
- Spearheaded SAP deployment optimization and improved system performance by 40%
- Coached exec teams on security, user experience, and long-term technical roadmaps
- Delivered major infrastructure refactoring projects with reduced downtime and 20% faster release cycles

### Ecommerce & Price Quote Manager 03/2021 - 03/2022

- Guided AS400 to SAP migration, ensuring web standards, security, and PCI compliance
- Directed price quoting tool updates and multinational eCommerce migration with CRL subsidiary
- Managed third-party Agile contractors to increase satisfaction by 20% and team productivity by 25%
- Led AWS environment migration and onsite server updates, reducing support tickets by 15%

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## Professional Experience *(Continued)*

### Oldcastle BuildingEnvelope - Toledo, Ohio *(Continued)*

04/2014 - 05/2024

#### Full Stack Developer 04/2014 - 03/2021

- Developed high-traffic iSeries/Zend web apps including dashboards for 40+ U.S. plants
- Re-engineered a multi-million dollar IBM project into an integrated eCommerce platform
- Introduced Git, REST, HTML5, and modern stacks across legacy systems
- Boosted customer satisfaction and average order value by 20%
- Partnered with global teams to build ComEx/OpEx platforms improving engagement by 20%

### KOIN 6 News (CBS) - Portland, Oregon

08/2012 - 09/2013

#### Web Manager 08/2012 - 09/2013

- Overhauled digital experience during a national buyout; improved engagement 35%
- Led UI/UX redesign, live election result delivery, and online ad campaign integrations
- Implemented new mobile strategy increasing user retention and ad interaction
- Collaborated with sales teams on custom promotions and site monetization strategy

## Education

### Bachelor of Science - Graphic Communications

Minnesota State University Moorhead, MN

Specialized in Computer Science, Marketing, and Multimedia Production

## Awards

Pinnacle Award  
IT Spotlight Winner  
Multiple OBE A.C.T.I.O.N. Awards  
Upper Midwest Regional Emmy

Oldcastle BuildingEnvelope  
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N.A.T.A.S.

## Independent Projects & Consulting

### Technical Consultant & SaaS Developer - Northwest, Ohio / Southeast Michigan

01/2024 - Present

- Advised online sellers on branding, marketing, and design strategy
- Launched a niche SaaS product from concept to deployment
- Resolved critical email/web issues post-vendor updates
- Provided cloud architecture and security consultation to support scalable, low-maintenance deployments

### Digital Media Strategist & Platform Architect

2022 - Present

- Engineered and maintain custom blog infrastructure supporting multiple contributing writers
- Designed scalable content systems using WordPress and static site tools to enable rapid publishing and mobile-first performance
- Wrote and illustrated high-impact repair and restoration guides for a retro hardware audience, integrating 3D modeling and embedded multimedia
- Contributed technical and editorial content to online communities with 10,000+ members, supporting knowledge sharing and digital preservation