

Zach Young

Senior Software Engineer Cape Girardeau, Missouri, United States | [LinkedIn Profile](#)

Professional Summary

Versatile and results-driven Senior Full-Stack Software Engineer with over a decade of professional experience architecting, developing, and scaling high-performance web applications. Deep expertise across modern frameworks and languages, specializing in Ruby on Rails, Angular, and TypeScript. A proven technical leader and educator with a track record of driving complex products from ideation to production, optimizing high-throughput database systems, and establishing seamless frontend user experiences. Known for a highly practical, execution-oriented approach to solving complex engineering challenges.

Core Competencies

- **Backend Engineering:** Ruby, Ruby on Rails (Full-Stack & API-Only), RESTful APIs, Database Optimization
- **Frontend Engineering:** JavaScript, TypeScript, Angular, HTML5, CSS3, Bootstrap
- **Technical Leadership & Education:** Technical Instruction, Curriculum Development, Mentorship, Agile/Scrum

Professional Experience

Senior Software Engineer / Full-Stack Software Developer | Full-time

Mar 2017 – May 2026 | Cape Girardeau, MO

- Architected, developed, and maintained complex, scalable web applications utilizing **Ruby on Rails** and **Angular** to drive business value and reliable performance.
- Engineered high-performance, API-only Rails backends to seamlessly serve dynamic frontend interfaces and manage third-party integrations.
- Modernized client-side architectures using **TypeScript**, improving UI maintainability, type-safety, and responsive layout performance.
- Collaborated with cross-functional product teams to translate complex business requirements into clean, production-ready, and well-tested code bases.

Code Labs Co-Lead Instructor / Co-Instructor | Contract

Sep 2018 – Apr 2023 (Intermittent Cohorts) | Cape Girardeau, MO (Hybrid / Remote / On-site)

- Co-led and executed full-stack development instructional sessions for cohorts of over 40 aspiring developers across multiple regional hubs (including West Plains, MO, and Paducah, KY).

- Co-developed and refined specialized instructional curriculum focusing on **Angular**, **Ruby on Rails**, JavaScript, HTML, and CSS.
- Fostered a collaborative learning environment by facilitating hands-on coding labs, guiding real-world team projects, and providing targeted mentorship.
- Built and maintained strategic relationships with local employers to bridge classroom learning with regional project opportunities.

Team STIHL Web Developer | Red Letter Communications

Mar 2016 – Mar 2017 | Cape Girardeau, MO

- Developed and maintained web applications and digital assets supporting corporate brand strategies and regional dealer networks

Web Designer / Front-end Developer | Woodland Companies

Jan 2015 – Jan 2017 | Scottsdale, AZ

- Engineered and designed responsive e-commerce web interfaces, prioritizing seamless user journeys and frontend performance optimization.

Technical Skills Matrix

Category	Technologies & Competencies
Languages	Ruby, TypeScript, JavaScript, HTML5, CSS3
Frameworks & Libraries	Ruby on Rails, Angular, Bootstrap
Methodologies & Tools	RESTful API Design, Curriculum Development, Tech Mentorship, Git, E-Commerce Systems

Education

- **B.S. Technology Management**
Southeast Missouri State University ~ 2014