

Edward Kemper

Email: edwardkemper@gmail.com | Phone: (928) 514-7342 | Golden, CO | [linkedin.com/in/edward-kemper-65929934](https://www.linkedin.com/in/edward-kemper-65929934)

TECHNICAL PROGRAM MANAGER / SENIOR SOFTWARE ENGINEER

11 years of experience leading cross-functional teams to deliver scalable software solutions. Skilled at driving complex programs from inception to completion while ensuring alignment across engineering, product, and business objectives. Experienced in conducting security audits, implementing DevOps best practices, and enhancing system observability. Adept at risk management, workflow optimization, and fostering cross-team collaboration. A proactive leader who champions growth through empathy and trust. PMP certification in progress.

PROFESSIONAL EXPERIENCE

Technical Project Manager (Construction) — Denver, CO | Jan 2025 – Present

Freelance

- Develops and maintains project roadmaps, Gantt charts, and milestone tracking for initiatives exceeding \$100k ensuring high quality and timely delivery.
- Manages and coordinates meetings with subcontractors to ensure adherence to project timelines, alignment on priorities, and clarity of deliverables.
- Provides regular project status reports to the client, clearly communicating progress, risk mitigation, and change management. Ensures transparency, manages expectations, and fosters stakeholder trust.
- Introduced Agile methodologies to streamline project workflows, improving team efficiency by 20%.

Senior Software Engineer | Feb 2024 – July 2024

Medical Solutions — Remote

- Built REST API MVP solution with developer-friendly documentation to support a digital platform for short-term clinician contract management and compliance tracking.
- Collaborated with product and QA teams to implement robust testing strategies and reduce post-release defects.
- Led sprint planning and backlog grooming sessions using Jira, ensuring alignment with Agile principles.

Senior Software Engineer | Jan 2023 – June 2023

Sparkplug — Remote

- Built third-party API integrations to optimize vendor integration workflows, supporting enterprise business development.
- Designed application-layer data models to migrate relational data from MongoDB to PostgreSQL, enhancing analytical and transactional query support.
- Implemented CMS integration workflows, including localization and analytics tracking.

Senior Software Engineer / Team Lead | 2020 – 2022

Storyblocks — Remote

- Drove successful product development by leading agile sprint ceremonies, managing project risks, and ensuring team alignment—leading to a 15% increase in team velocity and stronger team cohesion.
- Managed a team delivering an enterprise free trial subscription workflow, optimizing cross-team alignment and reducing B2B contract close times by 20%.
- Developed critical internal tools used by 200+ employees by defining and prioritizing engineering deliverables for the enterprise growth team improving internal API accessibility and enhancing developer productivity.
- Identified and mitigated key risks to project success, establishing milestones and timelines to deliver product features to customers.
- Implemented a structured mentorship program including weekly one-on-one's, tailored growth plans, and performance reviews which contributed to improved team development and velocity.
- Facilitated cross-functional collaboration with design, product, and engineering teams to deliver scalable solutions.

CORE COMPETENCIES

SDLC • Technical Program Management • Technical Project Management • Team Leadership • Stakeholder Communication • Cross-team Collaboration • Servant Leadership • Agile Methodologies • Developer Experience • Change Management • Technical Requirements Analysis • Risk Assessment & Mitigation • SQL / Analysis • Quality Assurance • Full-Stack Engineering • Automated Testing Procedures • Budgeting & Resource Allocation • Process Improvement • Machine Learning • AI Integrations • Scientific Computing • Electro-Mechanical Design • Control & Automation Systems • Image Processing Algorithms • CMS Platforms (Contentful, WordPress, Drupal)

TECHNICAL SKILLS

Frontend: React • Vue.js

Backend: Node.js • Typescript • Python • PHP

Database Design: MySQL • PostgreSQL • MongoDB

API Development: Public REST APIs

Testing & Automation: Selenium • Cypress • Jest

Infrastructure & CI/CD: AWS • Google Cloud Platform • Pulumi • GitHub • Docker • Linux

Cybersecurity: Best Practices

Project Management Tools: Jira • Linear • Asana • Figma • Notion

CMS Platforms: Contentful • Drupal • WordPress

EDUCATION

MS Electrical Engineering – Northern Arizona University, 2014

BS Physics, Minor in Applied Mathematics – Humboldt State University, 2007