

# Eric McKenna

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## Professional Summary

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Senior Software Engineer with 11+ years of Ruby on Rails expertise, specializing in scalable web applications and backend systems. Proven track record building production software serving millions of users, with experience in full-stack development, team leadership, and cross-functional collaboration. Strong problem-solver with passion for continuous learning and technical excellence.

## Technical Skills

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**Backend:** Ruby on Rails, PostgreSQL, MySQL, Redis, RESTful APIs

**Frontend:** JavaScript, Vue.js, HTML5, CSS3, React (learning)

**Testing:** RSpec, Capybara, Jest, comprehensive test coverage

**Infrastructure:** Docker, CI/CD pipelines, Google Cloud Platform, AWS (learning)

**Tools:** Git, GitHub Actions, performance optimization, code quality standards

## Education

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**Bachelor of Science, Computer Science** | Radford University, VA | 1998

GPA: 3.4 | Upsilon Pi Epsilon Computer Science Honor Society

## Professional Experience

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### Optoro, Washington, DC

**Team Lead** | Jan 2024 - Aug 2025

- Led Ruby on Rails development for 5-person engineering team, mentoring 3 engineers on technical best practices
- Built complex backend systems processing 90M+ transactions annually with focus on performance and scalability
- Collaborated with cross-functional teams to deliver high-quality solutions while maintaining technical excellence
- Planned and executed technical projects independently, keeping stakeholders informed throughout development cycles

**Senior Software Developer** | Jan 2019 - Dec 2023

- Developed scalable Rails applications with comprehensive testing using RSpec and modern JavaScript frameworks
- Optimized database performance and API response times by 300% through systematic problem-solving
- Contributed to strategic technical direction while balancing practical solutions with engineering excellence
- Mentored junior developers and maintained high code quality standards across development team

**Software Developer** | Jan 2013 - Dec 2019

- Built production-ready Rails applications serving millions of users with emphasis on system reliability
- Implemented RESTful APIs and database systems for complex business workflows
- Developed automated testing frameworks and CI/CD processes to maintain code quality
- Collaborated effectively in team environments while staying current with technology trends

### Global Thinking, Alexandria, VA

**Senior Software Engineer** | Jan 2012 - Dec 2013

- Built Ruby on Rails platform with focus on performance and system scalability

### Phase2 Technology, Alexandria, VA

### **Software Engineer** | *Jan 2003 - Dec 2012*

- Developed web applications using various frameworks, demonstrating adaptability and continuous learning
- Worked across legacy codebases and contributed to system modernization efforts

### **Earlier Experience** | *Jan 1999 - Dec 2003*

**Software Engineer** at Brainbench, Northrop Grumman, Olympus Group, Client Server Labs

- Performance testing and load analysis for enterprise applications
- Full-stack development with emphasis on system reliability and maintainability

### **Military Service**

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**US Army Paratrooper (E-4 Specialist)** | Fort Kobbe, Panama | *Jan 1990 - Dec 1993*

1992 All Army Marksmanship Championship Team Member; Army Commendation Medal