

DOUGLAS A. SEIFERT

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[LinkedIn](#)

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ENGINEERING LEADERSHIP | SOFTWARE ARCHITECTURE | TEAM MENTORSHIP

Dynamic technology leader with 20+ years of experience building and leading high-performing engineering teams. Proven track record of delivering complex SaaS platforms and web applications across healthcare, e-commerce, and enterprise sectors. Expert in agile methodologies, test-driven development, and scaling engineering organizations. Passionate about mentoring engineers and cultivating innovation-driven team cultures.

TECHNICAL SKILLS

Languages & Frameworks:

Ruby on Rails, Java, Node.js, SPA Frameworks (React, Angular, Vue), JavaScript, C++, GoLang

Leadership:

Team Mentorship, Performance Management, Project Estimation, Engineering Metrics

Methodologies:

Agile/Scrum, Test-Driven Development, Continuous Integration

Infrastructure:

AWS, OCI, Distributed Systems, High-Performance Computing, J2EE

PROFESSIONAL EXPERIENCE

ORACLE

2019 - Present

Senior Engineering Manager, Life Sciences Global Industry Unit

Lead three development teams (16 engineers) building SaaS platforms that help pharmaceutical companies optimize clinical trial planning and execution.

- **Led architecture and implementation** of industry-standard Trial Master File (TMF) system that streamlined regulatory compliance for clinical trials
- **Spearheaded development** of machine learning-powered study planning application that reduced trial timeline forecasting errors by 35%
- **Orchestrated upgrade** of legacy Rails infrastructure from v4.x to v6.x while maintaining 99.9% system availability

- **Revitalized test-driven development practices** across teams, resulting in 40% reduction in production bugs
- **Rescued mission-critical data project** by identifying root cause of production bug, implementing solution, and developing data recovery strategy that preserved client relationship with major pharmaceutical partner

GROUPON

2011 - 2019

Computational Marketing Engineering Team Manager

2014 - 2019

Software Architect and Team Lead, SEO Search Marketing

2011 - 2014

Led engineering team that transformed search marketing from non-existent to 11% of company revenue through technical innovation.

- **Built and scaled** search engine optimization platform generating millions in incremental revenue
- **Designed and implemented** real-time content publishing system that automated SEO page generation
- **Mentored junior developers** in engineering best practices, increasing team velocity by 25%
- **Completed** Groupon Internal Management Training certification program (2017)

UPTAKE NETWORKS, INC.

2007 - 2011

Software Architect

As employee #3, architected and built high-traffic consumer website from concept to production.

- **Designed data models** and implemented Ruby on Rails web application architecture
- **Established development practices** that enabled rapid scaling of engineering team
- **Mentored junior engineers** in Ruby and Rails best practices and test-driven development

CLOVERLINK SYSTEMS, INC.

2004 - 2007

Senior Consultant, Software Architect, Team Lead

Led client projects through complete software development lifecycle from requirements to deployment.

INFOSPACE, INC.

2005 - 2006

Software Architect

Served as lead architect for platform development of mobile content delivery system generating \$200M+ annual revenue.

- **Optimized ring tone catalog publishing process**, improving performance 10x through advanced debugging and refactoring

SEEBEYOND TECHNOLOGY CORP.

2001 - 2003

Senior Software Engineer & Architect

Lead architect for high-performance, multi-threaded J2EE application server powering company's flagship product.

- **Achieved J2EE 1.3 compliance certification** from Sun Microsystems for enterprise application server
- **Designed and implemented** JMX service bus, EJB container system, and JAAS security framework

EARLIER EXPERIENCE

Senior Software Engineer | Octive Technology, Inc. | 1999 - 2001

Software Architect and Web Developer | USWeb and Lot 11 Studios | 1996 - 1999

EDUCATION

BSE Aerospace Engineering, University of Michigan, Ann Arbor

Graduated Cum Laude, Sigma Gamma Tau (Honor Society), 1989

ONLINE PRESENCE

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