

# Alexandre Dinsenmeyer

Senior Software Engineer | Cloud Architect | Engineering Lead | AI-Augmented Developer  
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## PROFESSIONAL SUMMARY

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Results-oriented Senior Software Engineer with over 25 years of experience designing, developing, and deploying scalable enterprise applications. Proven expertise across the Microsoft technology stack (.NET, C#, SQL Server) and modern cloud and web frameworks (Azure, Angular, React, TypeScript). Early adopter of Generative AI and Large Language Model tooling — including Claude, OpenAI Codex, ChatGPT, and GitHub Copilot — to accelerate code generation, automate unit test creation, and integrate AI into engineering workflows. Adept at combining technical architecture with engineering leadership, managing cross-functional teams, and mentoring junior developers. Committed to delivering high-performance solutions that reduce operational costs and drive business value.

## TECHNICAL SKILLS

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**Languages & Frameworks:** C#, .NET Framework, .NET Core, Python, Angular, Ionic, React, TypeScript, JavaScript, HTML5, CSS

**AI & Generative AI:** Claude (Anthropic), OpenAI Codex, ChatGPT, GitHub Copilot, AI-assisted code generation, AI-driven unit test authoring, AI workflow integration and automation, prompt engineering, Large Language Models (LLMs)

**Cloud & DevOps:** Microsoft Azure (App Services, API Management, Key Vault, Functions), GitHub Actions, Azure DevOps, CI/CD Pipelines, Microservices Architecture, REST APIs

**Data & Messaging:** SQL Server, T-SQL, SSIS, SSRS, Redis, Apache Kafka, Database Optimization

**Methodologies & Concepts:** Agile, Scrum, SOLID Principles, Design Patterns, System Architecture, Unit Testing, Test-Driven Development, Legacy Modernization

**Leadership:** Team Management, Technical Mentorship, Performance Reviews, Strategic Planning, Cross-Functional Collaboration

## PROFESSIONAL EXPERIENCE

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### Senior Software Engineer II

Feb 2020 - Present

Dot Foods Inc. · Mount Sterling, IL (Remote)

- **AI-Augmented Development:** Integrated Generative AI tools (Claude, OpenAI Codex, ChatGPT, GitHub Copilot) into daily engineering workflows to accelerate code authoring, automate unit test generation, and streamline code reviews, measurably increasing team velocity and code coverage.
- **AI Workflow Integration:** Designed and deployed AI-assisted automation pipelines that integrate Large Language Models into CI/CD and developer tooling, reducing repetitive coding tasks and enabling faster onboarding for junior engineers.
- **Cloud Architecture and Cost Optimization:** Architected and implemented cloud-native solutions using Azure, successfully reducing operational overhead and infrastructure costs by 25%.
- **Engineering Leadership:** Manage direct reports, conduct professional performance reviews, and foster a culture of continuous learning by mentoring junior developers and contractors.
- **DevOps Transformation:** Collaborated with product teams to design and implement seamless CI/CD pipelines via GitHub Actions and Azure DevOps, accelerating deployment cycles by 20%.
- **Business Impact:** Engineered a logistics solution implementing industry-standard Zone Skipping, resulting in \$110,000 in annual shipping cost savings.
- **Performance Tuning:** Conducted deep-dive database optimization for SQL Server, reducing average query execution time from over 7 seconds to under 2 seconds.

- **Full Stack Development:** Led the design and development of user-friendly front-end applications using Angular and TypeScript, improving end-user engagement metrics by 15%.
- **Security Compliance:** Mitigated security risks by implementing Azure best practices, including API Management (APIM), centralized AppSettings, and Key Vault integration.
- **High-Volume Systems:** Maintain enterprise-level .NET web applications handling over 10,000 daily product shipments.

### Senior Enterprise Application Integration Engineer

Nov 2008 - Feb 2020

Vi-Jon · Saint Louis, MO

- **Cloud Migration:** Led the strategic migration of legacy on-premise applications to the Azure cloud, resulting in significant hardware savings and improved scalability.
- **Process Automation:** Increased production line case output by identifying bottlenecks and automating repetitive manual operator tasks.
- **Cost Reduction:** Leveraged modern web platforms to optimize warehouse operations, reducing operational costs by \$28,000.

### Senior Software Engineer (Contractor)

Mar 2005 - Nov 2008

Anheuser-Busch · Saint Louis, MO

- Developed and supported enterprise-scale beverage order management web applications.
- Engineered and maintained carrier transportation logistics platforms, ensuring high availability for critical supply chain processes.

### Software Engineer

Apr 2002 - Mar 2005

Jaros Technologies · Granite City, IL

- Developed and maintained the core Business Intelligence and Reporting Platform for enterprise clients.

## EDUCATION

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### Master of Science, Computer Science

2004

Southern Illinois University · Edwardsville, IL

### Master of Science, Computer Engineering

2000

Université Henri Poincaré · Nancy, France

### Master of Science, Electrical Engineering

1998

Université Henri Poincaré · Nancy, France

## CERTIFICATIONS

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- Certified Scrum Master (CSM)

## LANGUAGES

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- English — Fluent
- French — Native