

AARON DUNLAP

Lead AI Development Architect

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PROFESSIONAL SUMMARY

Lead AI Development Architect with over 20 years of experience in software development, data management, and enterprise solutions. Champion of "AI First" development methodology, leading teams in implementing Azure AI solutions including Agentic AI systems serving 9,000+ employees.

PROFESSIONAL EXPERIENCE

Lead AI Development Architect

January 2017 – Present

Uniti Group Inc.

- Champion of "AI First" development methodology, leading team adoption of Azure AI solutions
- Architected and deployed Agentic AI systems serving 9,000+ employees across the organization
- Developed AI-driven IVR processing systems for automated customer interactions
- Implemented autonomous network provisioning using machine learning and automation
- Led cloud transformation initiatives leveraging Microsoft Azure and DevOps practices
- Mentored development teams on AI/ML best practices and modern software architecture

Data Warehouse Project Manager

March 2013 – January 2017

Mead Johnson Nutrition

- Managed ETL pipelines and Infosphere DataStage administration for enterprise data warehouse
- Led project planning and vendor management for data infrastructure initiatives
- Coordinated cross-functional teams to deliver business intelligence solutions
- Ensured data quality and governance across multiple data sources

SQL Server / Greenplum Database Administrator

May 2012 – March 2013

Springleaf Financial Services

- Administered Greenplum Data Computing Appliance for large-scale analytics
- Managed Microsoft SQL Server and Analysis Services environments
- Optimized database performance and ensured high availability
- Implemented backup and disaster recovery procedures

Programmer

January 2007 – May 2012

Springleaf Financial Services

- Developed and maintained online and offline financial systems
- Built data warehouse ETL processes and reporting solutions
- Collaborated with business analysts to translate requirements into technical solutions
- Supported mission-critical applications serving nationwide customer base

Senior Quality Assurance Specialist

September 2003 – July 2007

American General Financial Services

- Led quality assurance initiatives for enterprise financial applications
- Developed comprehensive test plans and automated testing procedures
- Collaborated with development teams to identify and resolve defects

- Ensured compliance with financial industry regulations and standards

TECHNICAL SKILLS

AI & Machine Learning: GPT-3 / GPT-4 / GPT-5, ChatGPT / Generative AI, Agentic AI / Stable Diffusion, Azure Machine Learning / Grok

Programming Languages: Python, Go, SQL, COBOL

Data & Databases: Data Warehousing / ETL, Microsoft SQL Server, Analysis Services / BI, Greenplum

Cloud & DevOps: Microsoft Azure, Azure DevOps Services, Kubernetes / Docker, CI/CD / Infrastructure as Code, Cloud Computing

Tools & Technologies: Vim / NeoVim / OpenCode, VS Code, Git / Linux, Redis / etcd

Professional: Solution Architecture, Project Management, Team Leadership / Agile, Business Analysis, Software Documentation

EDUCATION

Bachelor of Science in Computer Science 1998 – 2005
University of Southern Indiana

Computer Science Studies 2000 – 2001
Indiana University Bloomington

AREAS OF INTEREST

Agentic AI, Azure AI & Cloud Architecture, DevOps & Infrastructure as Code, Machine Learning & Automation

RECOMMENDATIONS

"Aaron has an eye for operational excellence while retaining a focus on keeping skills up to date... A thought leader in the DevOps space that I'd jump at the chance to work with again."

— **Rory Savage**, SRE & DevOps Engineer