Contact

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(LinkedIn)

Top Skills

IT Leadership - fostering
understanding and cooperation
across product and engineering
organizations

Amazon Web Services (AWS)
- EC2+VPC+k8s, Lambda,
EventBridge, SQS, API Gway,
SageMaker, RDS, etc.

Internet of Things - IoT, AWS IoT
Core, Edge Computing

Languages

German (Limited Working)

English (Native or Bilingual)

French (Limited Working)

Spanish (Limited Working)

Patents

System and method for operating
internet-based events

Martin Cribbins

VP Software Architecture, Engineering - Hands-on technical
leadership
Beverly, Massachusetts, United States

Summary

I have well over twenty years of hands-on technical leadership
experience, managing teams from small startups to large corporate
interdepartmental teams.

I lead by concrete example, both in terms of technical subject matter
and by fostering a highly cooperative team environment based on
respect, mentorship, and personal growth.

My experience spans Class II and III medical devices / systems,
network services design, enterprise data modeling and delivery,
virtualization, embedded software design and development,
cloud-based IaC / IaaS / SaaS in both green field and enterprise
application lift & shift, as well as executing and managing software
development with release management and related DevOps
strategies.

More recently I have focused on edge ML systems focused on
network traffic, audio and vision, improving the DevOps and data
governance processes.

I am currently seeking either another EU+USA technical product
owner role, or a hands-on senior engineering leadership role in a
domestic startup.

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Experience

Acoustic Noise Research
VP Software Architecture, Software Engineering
April 2021 - December 2024 (3 years 9 months)
Greater Boston

• Worked with founders to deliver an engineering organization plan, covering
immediate and long-term staffing and technology infrastructure.

• Designed software and firmware architectures, managed software engineering, and DevOps at Acoustic Noise Research.
• Led the buildout of a full stack infrastructure and implemented Machine Learning / AI Operations (MLOps) for innovative projects.
• Spearheaded the development of a second-generation architecture to enhance product development and user experience.

Single Digits, Inc.
Chief Architect
December 2021 - July 2022 (8 months)
Bedford, New Hampshire, United States

Reported to the CTO, serving as a member of the management team. Was the software and cloud IaaS architectural voice for the Engineering organization, which had recently migrated its monolithic application to AWS. Built an Architecture Review Board around technical leads, subject matter experts, and product owners. The ARB then began formalizing the technical path taken for the next generation of the product.

Wagz, Inc
Director of Software Engineering
January 2021 - March 2021 (3 months)
Portsmouth, New Hampshire, United States

• Built firmware and QA teams, brought off-shore development in-house, and implemented standards and processes.
• Led the movement to a converged iOS/Android Dev Team, comparing Flutter and React Native as converged development options.
• Overhauled Agile approach, reducing stress and increasing productivity for the team.

Urban agriculture startup (stealth)
Software Architect
February 2020 - August 2020 (7 months)
Greater Boston

• Created an AWS-based reference architecture for a proposed urban agriculture service.

ams OSRAM
Principal Cloud Architect, Technical Product Owner
September 2018 - December 2019 (1 year 4 months)
Berlin, Munich, Germany and Greater Boston USA

• Developed cloud architecture strategies for North America and Europe, collaborating with US and Germany teams.
• Coordinated API development using OpenAPI 3.x and RAML to ensure consistency in definition language.
• Technical Product Owner for Lightelligence in Munich, facilitating online subscription services development between engineering, financial, and compliance organizations.

Fidelity Investments
Enterprise, Cloud Architect
December 2015 - February 2018 (2 years 3 months)
Greater Boston Area

BuzzClan
Vice President of Business Intelligence
November 2014 - December 2015 (1 year 2 months)
Greater Boston

Corporate Technologies
Principal Systems Architect
2003 - 2014 (11 years)
Burlington, MA

GE Medical Systems
Consulting Software Engineer
April 2003 - July 2003 (4 months)
Milwaukee, Wisconsin, United States

Re-tooling Java Swing-based UI for a Patient Monitoring System

GoldPocket
Vice President of Engineering
January 2000 - March 2002 (2 years 3 months)
Medford, Massachusetts, United States

Merrill Lynch
Managing Vice President, Network Services Architecture
January 1995 - December 2000 (6 years)
New York City Metropolitan Area

AT&T Bell Laboratories
Member of Technical Staff

January 1993 - December 1994 (2 years)
Holmdel, New Jersey, United States

Philips Medical Systems
Technical Lead, Technical Manager
April 1982 - September 1984 (2 years 6 months)
Shelton, Connecticut, United States

- Designed and implemented the distributed control system for the first DVI
(Digital Vascular Imaging(system, based onCAN-connected DEV Falcon
SBCs.
-Technical Manager, Nuclear Magnetic Resonance data acquisition/control
system for clinical trial
- Developer, MC68000-based GPIB device driver for custum image data
capture system

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Education

City College of New York
Electrical Engineering, Computer Science

The Bronx High School of Science
Physics