

CHRISTOPHER CARRIER

312-480-1390 | chriscarrier@hotmail.com | linkedin.com/in/chriscarrier | Cary, IL

SENIOR ARCHITECTURE LEADER | R&D TECHNOLOGY LEADER | PRODUCT STRATEGY

Senior Architecture Leader and Certified Scrum Product Owner with 20+ years architecting enterprise systems in healthcare diagnostics, with deep expertise in regulated medical device software, clinical laboratory informatics, and cloud platforms. Two issued US patents and a President's Award for innovation. Lead architectural governance and cross-functional delivery teams while staying hands-on with technical product vision, cloud architecture, identity & access management, and systems integration. Fluent across industries with proven success in healthcare, manufacturing, automotive, financial services, and food & beverage.

CORE EXPERTISE

Architecture & Cloud: Solutions Architecture | AWS | Microsoft Azure | EntraID | Auth0 | Identity & Access Management (IAM) | API & Microservices Design | SaaS & Platform Architecture | DevOps & CI/CD Pipelines | Enterprise Systems Integration

Healthcare & Domain: Medical Device Software | Clinical Laboratory Informatics | Diagnostic Analyzer Systems | Regulated Software Development | Master Data Management

Emerging Tech: IoT & Edge Computing | AR/VR Experiences | iOS Mobile (iPad/iPhone) | Angular | Material Design

Product & Leadership: Product Ownership & Roadmapping | R&D Strategy | Technical Product Vision | Architectural Review Board (ARB) Leadership | Cross-Functional Team Leadership | Agile / Scrum | Stakeholder Communication | Vendor & Partner Management | OKR & KPI Alignment

PROFESSIONAL EXPERIENCE

Assistant Director, Sr. Solutions Architect & Product Owner

Sysmex America, Inc. | Lincolnshire, IL | 2010 - 2026

Global leader in clinical diagnostics and laboratory automation. Led architecture and product ownership for customer-facing and R&D applications serving 10,000+ internal and external users across the diagnostics ecosystem.

- Named inventor on **two issued US patents** (US 10,607,724 - Information Processing Apparatus and Method for Clinical Laboratory Management; US 10,447,573 - Method and System for Aggregating Diagnostic Analyzer Related Information) and recognized with the company-wide **President's Award** for innovation.
- Architected and delivered enterprise systems on AWS and Microsoft Azure (EntraID, Auth0) spanning Identity & Access Management, master data, IoT, edge computing, systems integrations, iPad/iPhone apps, and AR/VR experiences using Angular and Material Design.
- Architected **reusable platform services** (IAM, master data, shared APIs) that eliminated duplicate development work across multiple product teams, and reduced operating costs by **over 30%** by migrating critical applications to the cloud.
- Led design and development of **12+ customer-facing applications**, consolidating insights for 10,000+ internal and external customers across the diagnostics ecosystem.
- Established and co-led local and global **Architectural Review Board (ARB)**, defining enterprise-wide standards for applications, architecture, and governance practices.
- Built and led cross-functional teams of **3-15 staff**, transforming how the organization viewed software delivery and shifting it toward a centralized, master-data-driven model.
- Partnered with R&D, clinical, and commercial stakeholders to define technical product vision, roadmaps, and go-to-market strategy for regulated diagnostic software.

SharePoint Practice Director

IncWorx Consulting | Schaumburg, IL | 2009 - 2010

- Owned the SharePoint practice (projects, staffing, and delivery) for a Microsoft Gold Managed Partner; clients included Career Education Corporation, General Motors, and the U.S. Department of Energy.
- Led the team that won Microsoft's **SharePoint Deployment Services (SDPS) Partner of the Year** award at SPC09.
- Architected SharePoint 2007 solutions for enterprise-wide deployments including portal/ECM, search, internet/extranet strategies, and social computing.

Technical Architect

Wirestone | Chicago, IL | 2008 - 2009

- Architected and delivered a global Microsoft educational program on Microsoft Office SharePoint Server 2007 (MOSS), deployed to **49 countries in 31 languages with 1M+ registered users**.
- Partnered with Microsoft Corporate and worldwide Microsoft leads to define feature requirements, deployment and migration tools, custom web parts, virtualization-based architecture, and custom LiveID authentication.

SharePoint Architect

PSC Group | Chicago, IL | 2007 - 2008

Application Manager

Schawk! | Des Plaines, IL | 2005 - 2007

Owner, Consultant

BarringtonWiFi / BlueOnyx | Barrington, IL | 2001 - 2005

PATENTS

- **US Patent No. 10,607,724** - Information Processing Apparatus and Method for Clinical Laboratory Management
- **US Patent No. 10,447,573** - Method and System for Aggregating Diagnostic Analyzer Related Information

EDUCATION & CERTIFICATIONS

- **Bachelor of Electrical Engineering**, ITT Indianapolis, Indianapolis, IN
- **Certified Scrum Product Owner (CSPO)**, Scrum Alliance