

# Mitch Scobell

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## SUMMARY

Technology leader with 15+ years in software engineering, focused on healthcare systems, backend development, and team leadership. Strong in TypeScript, Node.js, MongoDB, C# .NET, MS SQL Server, web frameworks, Git, and full-stack work.

Advanced knowledge of Windows/Linux maintenance, hardware/software troubleshooting, server administration, client computing, mobile devices, Unix, and macOS. BS in Computer Information Systems (application development, design, support) from UW-Stevens Point; MBA in IT Management from WGU Indiana.

Proven in leading distributed teams, modernizing legacy code, ensuring HIPAA compliance, and delivering scalable, high-value applications.

## EXPERIENCE

### Team Lead, Software Engineering

Availity Clinical Solutions (formerly Diameter Health)

May 2023 - Present

- Led clinical data model improvements in microservices setup; fully documented models, implemented Avro schemas as contracts for interoperability, and enabled cross-team ownership of inbound/outbound data
- Converted systems to asynchronous, stateless processing with event-driven design for better scale and resilience
- Built MCP (Model Context Protocol) server to front clinical APIs, creating a standardized interface for AI model contexts, inputs, and outputs to streamline healthcare data workflows
- Directed full codebase refactor: split components into modular npm packages, rewrote in TypeScript for type safety, and reached 92% unit test coverage on core logic
- Designed new systems and quickly adopted new tech, including a CDA converter in Scala 3
- Met weekly with customers to gather needs, broke them into epics and user stories, and delivered features in 2-week sprints
- Consulted for separate division on authorizations codebase, guiding automated testing best practices in Java
- Served as Scrum Master: ran sprints, retros, and continuous improvement
- Led company-wide workshops on AI integration and vibecoding; followed up 1:1 with developers to improve workflows
- Leveraged Amazon Q (powered by Anthropic Claude) to optimize code generation and task delegation

### Senior Software Engineer

Availity Clinical Solutions (formerly Diameter Health)

January 2023 - May 2023

- Designed and maintained Fusion platform foundation, improving clinical data upcycling (95% backend, minimal frontend)
- Extracted database layer into dedicated package, decoupling storage from business logic for portability and future refactors
- Unified MongoDB calls to allow easy backend swaps (e.g., S3)
- Mentored engineers on design and development in a DevOps setting

### Backend Software Engineer

Redox

September 2021 - December 2022

- Built patient identity management product interfacing external networks for cross-HCO management using FHIR standards
- Led backend work with Node.js, Kafka, PostgreSQL; developed FHIR APIs over Carequality and record location services
- Added frontend with Stripe checkout and React
- Gave team direction input, executed multi-week projects independently, and mentored junior developer daily

### Software Architect, Informatics

Labcorp Drug Development (formerly Covance)

September 2018 - September 2021

- Led global team of 5 remote developers on full-stack big data app delivering \$3.1B revenue via ETL for external sponsors
- Upgraded legacy libraries to modern platforms while keeping binary compatibility
- Built DevOps automation for CI/CD and global horizontal scaling

### Senior Global Application Developer

Labcorp Drug Development (formerly Covance)

March 2018 - September 2018

- Analyzed requirements, designed, developed, tested, and deployed aligned solutions
- Handled analysis, unit testing, deployment support, and lifecycle maintenance

- Estimated effort accurately and documented modifications clearly

### Global Application Developer III

Labcorp Drug Development (formerly Covance)

October 2016 - March 2018

- Built software to automate processes and transition from legacy tech while fixing gaps/bugs
- Led projects and launched applications with major business impact

### Global Application Developer II

Labcorp Drug Development (formerly Covance)

November 2015 - October 2016

- Delivered quality software through design, code reviews, and collaboration
- Led legacy-to-modern transitions and launched high-impact apps

### Global Application Developer I

Labcorp Drug Development (formerly Covance)

September 2014 - November 2015

- Developed and maintained applications under senior guidance
- Supported VB6, VB.NET, MUMPS/Caché, and C#.NET web/desktop apps

### Geek Squad Academy Systems Developer

Best Buy Corporate

December 2013 - August 2014

- Built portal and registration system for Geek Squad Academy camps using Symfony PHP and Bootstrap
- Replaced outdated system with mobile-responsive design for student/employee registration

### Employee Tools Software Developer

Best Buy Corporate

July 2012 - September 2012

- Maintained Employee Toolkit, added features, fixed bugs, and released to North America
- Built internal sites for product views and holiday schedules with rapid release cycle
- Designed no-training interfaces for seasonal onboarding

### Online and Precinct Agent

Best Buy Corporate

July 2011 - August 2014

- Repaired products as ARA/CIA, diagnosed issues, and handled sales/installations
- Provided remote and in-store support as brand ambassador

### Assistant Manager

Marcus Theatres - Cedar Creek Cinema

July 2007 - August 2011

- Managed operations, staff, and vendor compliance
- Trained projection team on 35mm/digital systems

## EDUCATION

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### Master of Business Administration (MBA)

WGU Indiana | IT Management

2015 - 2017

### Bachelor of Science (BS)

University of Wisconsin-Stevens Point | Computer Information Systems

2011 - 2014

### Associate of Arts and Sciences (AAS)

University of Wisconsin Colleges | Computer Science

2008 - 2010

## SKILLS

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#### Development

- TypeScript/Node.js
- C#/.NET
- MongoDB
- SQL Server
- Scala 3

#### System

- Windows
- Linux
- Docker
- Git
- macOS
- Proxmox

#### Architecture

- Microservices
- Event-Driven Design
- FHIR/Healthcare
- DevOps/CI/CD

#### Leadership

- Team Leadership
- Scrum Master
- Mentoring
- AI Integration