

# Spenser Davison

## Senior Collaboration Engineer

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### PROFESSIONAL SUMMARY

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I work at the intersection of business needs, user experience, and technical delivery. My background spans SharePoint, knowledge management, collaboration engineering, automation, and software development. I specialize in helping organizations improve how information is organized, surfaced, and used across intranets, extranets, and internal platforms.

I am especially strong in enterprise content management, intranet design and administration, custom business solutions, and partnering directly with users and stakeholders to deliver tools that support real work.

Across my career, I have focused on building systems that are structured, maintainable, and aligned with how people actually work. I care about long-term usability as much as delivery.

### PROFESSIONAL EXPERIENCE

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#### Husch Blackwell

2025 – Present

##### Senior Collaboration Engineer

Lead development and support of enterprise intranet and extranet solutions, focusing on SharePoint Online, SPFx development, and business process automation.

- Build and maintain SPFx solutions supporting intranet functionality and user experience
- Manage and enhance the firm-wide intranet, "The HuB," used by more than 10,000 users
- Design and support extranet and client portal solutions with complex permission models
- Develop Power Apps canvas apps and Power Automate workflows for business processes
- Integrate systems with SQL data sources and external APIs
- Serve as a primary escalation point for high-level support and solution design
- Rapidly became a go-to engineer across multiple departments within the first year
- Collaborate directly with stakeholders across legal, business, and IT teams

#### Slalom Consulting

2021 – 2025

##### Technical Architect / Software Engineer

Delivered enterprise collaboration, intranet, and search solutions across multiple Fortune 500 clients, with a focus on SharePoint architecture, custom development, and platform modernization.

- Built enterprise intranet solutions for healthcare organizations, supporting architecture and delivery
- Developed complex custom search solutions within SharePoint Online environments
- Designed and implemented intake and workflow systems for large enterprise clients, including Amazon
- Supported secure collaboration platform setup aligned with high-compliance environments
- Built SPFx solutions including custom language translation components
- Led migration efforts from SharePoint 2016 to SharePoint Subscription Edition
- Designed and implemented records management solutions using Power Apps and SharePoint
- Provided architectural guidance across multiple concurrent enterprise engagements
- Developed strong expertise in SharePoint PowerShell automation and administration

## Electric Boat (General Dynamics)

2010 – 2021

### Software Engineer → Knowledge Management Lead

Began as a tactical software engineer supporting U.S. Navy nuclear submarine systems at a Department of Defense contractor, then transitioned into leading enterprise knowledge management and intranet development initiatives.

- Designed and built Java-based control interface for submarine bow plane systems used in operational environments
- Applied secure coding practices and introduced concepts like cyclomatic complexity across the team
- Developed internal web applications using PHP, Perl, and Oracle SQL to support business operations
- Built workflow-driven systems for internal processes, including intake and reimbursement
- Maintained and enhanced C++ systems tied to power conversion and hardware integration
- Designed and wired large-scale hardware test rigs based on engineering schematics
- Transitioned into knowledge management leadership, helping define enterprise ECM and KM strategy
- Built and managed enterprise intranet using SharePoint 2010, 2013, and 2019
- Developed custom SharePoint master pages, layouts, and JavaScript-based solutions
- Integrated SharePoint with external systems via Apache services and SQL backends
- Built a full project and program management system within the SharePoint environment
- Worked within highly regulated, secure environments requiring an active Secret security clearance

### Personal Projects

Ongoing

#### Independent Developer

Designed and built multiple full-stack and data-driven applications focused on automation, personal finance, education, and data analysis.

- Built a personal finance tracking platform with Supabase, PHP, and Chart.js
- Developed a livability database for evaluating regions based on environmental and lifestyle data
- Created homeschool tracking and education management tools
- Built a custom website portfolio with dynamic content architecture
- Developed automation tools and bots, including social media integrations
- Designed data models, APIs, and visualization layers for multiple applications

## TECHNICAL SKILLS

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### Core Competencies

- **Microsoft 365 Ecosystem:** SharePoint Online, Power Automate, Teams, OneDrive
- **Software Development:** JavaScript, HTML, CSS, React, SPFx, PHP, SQL
- **Governance & Compliance:** SharePoint governance, permissions, regulatory alignment
- **Project Delivery:** Agile, requirements gathering, process optimization

### SharePoint & Collaboration

- SPFx (React) development and customization
- Intranet and site architecture design
- Workflow automation with Power Automate
- SharePoint migrations from on-premises to SharePoint Online
- Governance, permissions, and content lifecycle management

### Knowledge Management

- Enterprise Content Management system design
- Knowledge capture, organization, and dissemination
- Governance frameworks for content storage and retrieval
- Platform design for long-term maintainability and usability

## EDUCATION

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### Master of Systems Engineering

Worcester Polytechnic Institute

2015

### Bachelor of Science in Computer Engineering

University of Rhode Island

2010

## **CREDENTIALS**

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### **Secret Security Clearance**

Active clearance obtained at Electric Boat (General Dynamics) supporting U.S. Navy submarine systems.

### **Eagle Scout**

Highest rank in Scouting, demonstrating leadership and long-term project execution.