**Sean Berg**

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**Frontend Developer | React Interface Systems Engineer**

Versatile Frontend Developer with a strong foundation in JavaScript, React, and web UI engineering. 10+ years of technical leadership experience delivering user-centered web solutions across SaaS, enterprise, and SMB environments. Proven ability to translate complex business needs into responsive, performant, and maintainable interfaces. Focused on building fast, modern applications that enhance user experience and operational efficiency.

**Core Competencies**

**Frontend Development:** JavaScript (ES6+), TypeScript, React, TailwindCSS, Python, Flask, Django

**Tooling & Deployment:** Git | Render | Web Dashboards | Discord UI Integrations

**Practices:** Responsive Design | Accessibility Compliance | Performance Optimization

**Project Execution:** Agile/Scrum | Cross-Functional Collaboration | Stakeholder Communication

**Systems & Automation:** CRM Dashboards | Training Interfaces | Internal Tools

**Professional Experience**

**Frontend-Focused IT Consultant, Self-Employed |** Remote **|** Jan. 2023 – Present

Designed and delivered web-based tools, dashboards, and UI integrations for client-facing interfaces and automation.

* Built multiple React-based dashboards for client portals and internal monitoring tools.
* Designed and deployed a browser-based RPG onboarding game using HTML/CSS and JavaScript to improve training engagement.
* Developed a modular cybersecurity resource curator with a Discord-based UI using JavaScript and Python, supporting real-time tool validation and automated updates.
* Maintained Git-based versioning and deployment via Render.

**Frontend Projects within Technical Enablement & Customer Platforms**

**Shift4 |** Allentown, PA **|**Aug 2010 – Jan 2023

Promoted through multiple leadership roles spanning operations, training systems, and interface development.

Progression:

• Senior Manager, Customer Experience & Enablement (2020–2023)

• Director, Technical Training & Enablement (2015–2020)

• Manager, POS Training and Tools (2013–2015)

• Manager, Programming and Operations (2010–2013)

**Senior Manager, Customer Experience & Enablement, Shift4** **|** Allentown, PA| Aug 2020 - Jan 2023

Oversaw the development and deployment of frontend tools, dashboards, and CRM interfaces to enhance workflows.

* Automated Slack-based support workflows using JavaScript and UI-driven commands for internal tools.
* Built React dashboards integrating Tableau and CRM data to monitor SLAs, and retention for 200k accounts.
* Standardized frontend components and design reviews across support platforms to improve UX consistency.
* Developed a React CRM interface with integrated performance and pipeline metrics for executive reporting.

**Director, Technical Training & Enablement, Shift4** **|** Allentown, PA| Mar 2015 - Aug 2020

Directed system training and LMS interface development, building internal web tools to track learning outcomes.

* Launched an LMS interface and supporting dashboards to deliver 400+ hours of technical content.
* Built internal web tools to track to visualize training progress and certification milestones.
* Coordinated UX-aligned rollout strategies with IT and training teams to drive tool adoption and user readiness.
* Developed React training interfaces to simulate POS behavior and onboard staff in a sandboxed environment.

**Manager, POS Training and Tools, Shift4** **|** Allentown, PA| Jan 2013 – Mar 2015

Built interactive training tools and frontend demos to support sales and client readiness on POS usage.

* Collaborated with developers to scope, test, and enhance POS UI components and training systems.
* Created mobile sales kiosk frontends to support sales enablement and onboarding across hospitality verticals.
* Authored UX-focused documentation for onboarding workflows and internal support tools.

**Manager, Programming and Operations, Shift4** **|** Allentown, PA| Aug 2010 - Jan 2013

Led the design of role-based onboarding tools, and POS provisioning workflows for internal and external use.

* Created Excel onboarding forms with VB logic for streamlined POS provisioning across hospitality clients.
* Built a role-based order management system of dashboards and executive reporting with JavaScript and SQL.
* Collaborated with the CTO to evaluate new POS platforms and guide field deployment strategy.

**Freelance Experience**

**IT Consultant, Tech Wizards PA** | 2005–2014 (Part-Time, Concurrent with Shift4)  
Provided client-focused support through secure network setup, system recovery, and interface automation.

**Project Highlights**

**RPG-Based Training App (JavaScript, HTML, CSS, SPA, onboarding UI)**  
Single-page onboarding interface (SPA) using JavaScript/HTML/CSS with branching UI, quizzes, and progress tracking.

**Dynamic React Dashboards (React, TailwindCSS, Tableau, component design)**  
Modular, responsive React dashboards styled with TailwindCSS; integrated Tableau charts and real-time data.

**Cybersecurity Toolkit Interface - (React, Discord.js, Python integration)**  
Discord bot frontend and React UI integration for a Python-based cybersecurity tool updater.

**EDUCATION**

**B.S.: Business Leadership | Capella University | *Graduated: 2024***

**Certifications**

PMP (In Progress - Expected Oct 2025)  
Lean Six Sigma Green Belt (2025)  
Professional Scrum Master (PSM) (2025)  
CompTIA A+ (2010)