

JONATHAN POHLNER

Full Stack Developer | C# • React • TypeScript • 3D Modeling
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[GitHub](#) • [TurtleWolfe.com](#) • [ScriptHammer.com](#) • [SpokeToWork](#) • [LinkedIn](#)

Summary

Software developer with 2.5 years of production C# experience building Revit automation plugins and 4+ years developing web applications in React and React Native. Background in 3D modeling (Blender, 3D Studio Max, SketchUp) and CAD (AutoCAD, Revit) informs approach to translating design workflows into technical solutions. Developed plugins used daily by 12+ drafters, reducing dimensioning tasks from minutes to milliseconds. Maintains 166+ GitHub repositories including full stack templates with 93 components and 680+ tests.

Technical Skills

Languages: C#, JavaScript (ES6+), TypeScript, Python, PHP, HTML5, CSS3

Frontend: React, React Native, Next.js, Tailwind CSS, Storybook

Backend: Node.js, Express, RESTful APIs, Firebase, MongoDB, PostgreSQL

3D & CAD: Revit API, AutoCAD, Blender, 3D Studio Max, SketchUp, Dynamo

Tools: Git, Docker, AWS, Jest, Playwright, CI/CD, Linux, Adobe Photoshop

Professional Experience

Software Developer • [Trinam Drafting and Design](#) (GA) • Mar 2022 - Sep 2024

- ▶ Built 5+ C# Revit plugins automating wall dimensioning, reducing manual tasks to milliseconds
- ▶ Deployed automation tools used daily by 12+ drafters, translating design pain points into solutions
- ▶ Wrote 20+ automated test cases validating plugin functionality across multiple Revit versions
- ▶ Collaborated with drafting team to identify workflow bottlenecks and prioritize feature development

Software Engineering Intern • [TechJoy Software](#) (Remote) • Jan 2022 - Present

- ▶ Built 50+ responsive UI components in React and TypeScript for client web applications
- ▶ Integrated RESTful APIs and participated in weekly code reviews following agile methodology

Lead Developer • [Collective Minds Inc](#) (Remote) • Jan - Mar 2021

- ▶ Developed 10+ cross-platform mobile screens using React Native with Firebase backend
- ▶ Led technical planning and coordinated deliverables across a 4-person distributed team

Freelance Web Developer • [ScriptHammer.com](#) (Cleveland, TN) • Aug 2011 - Present

- ▶ Built Next.js starter template with 35+ features, 93 Storybook components, and 680+ tests
- ▶ Containerized development environments using Docker across 166+ GitHub repositories
- ▶ Built WCAG-compliant Next.js template with PWA support, 32 themes, and colorblind accessibility modes

Key Projects

[SpokeToWork](#) • Next.js 15, React 19, TypeScript, PWA

- ▶ Built PWA for in-person job hunting with bike route optimization, 98/100 Lighthouse accessibility

[ScriptHammer Template](#) • Next.js, Docker, Storybook, CI/CD

- ▶ Created full stack starter with 32 themes, WCAG AA accessibility, automated GitHub Actions

[Interactive Resume](#) • React, TypeScript

- ▶ Built interactive portfolio showcasing projects with dynamic navigation and smooth animations

[The House that Code Built](#) • React, Educational Design

- ▶ Developed interactive learning tool teaching web development through construction metaphors

Education & Certifications

Computer Aided Drafting (CAD) Certificate • Cleveland State Community College

[Front End Development Libraries Certification](#) • FreeCodeCamp

Python Programming & Software Engineering • [Joy of Coding Academy](#)