



MATT TITCHENER

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WORK

Questel

Senior Software Engineer (remote)

August 2019 — July 2020

Led teams in Philippines and US. Established solution architecture and mentored team members; code reviews; and one-on-ones. Collaborated with Product Owners to estimate and scope features. Used Kanban agile methodology throughout.

- Introduced design workflows and use of modern design tools to product teams. Identified missing UX processes; hired UX resources. Contributed to product development and discovery processes, UX research, user journeys, flows, mockups, and visual design.
- **Questel Client Portal** — Flagship SaaS product to provide intellectual property self-service to legal agents. Built on microservices architecture with .NET Core 3.1 with C#, Vue with Vuex, domain-driven design, command query responsibility separation (CQRS).

Colorado State University

Design Lead Engineer

August 2012 — August 2019

Led UXD and engineering team, mentored junior and mid-level engineers; conducted code and design reviews. Established best practice for engineering, SEO, design, and accessibility. Responsible for estimating, scoping, product roadmap, and maintenance. Facilitated design workshops with stakeholders. Gathered requirements through user and SME interviews.

- **Intranet and Employee Management System** — Division-wide intranet application, HR management, leave requests, wiki, with Single Sign-On. UXD and visual design. Developed data visualizations for in-office data dashboards.
- **Student course discovery experience** — Rapid prototype for course discovery experience, including search and faceted filtering. Built with Node.js and JavaScript.
- **Talks and presentations** — Accessibility best practices for UX design and engineering; domain-driven design; introduction to command-query responsibility separation and event sourcing.

Independent Contractor

UX Designer, Full Stack Engineer

February 2010 — Present

- **Ground Truth Molecular** — Provided UXD, visual design, and development of startup's launch site, brand, and product pages. Custom theme built for WordPress.

SKILLS

UXD

Accessibility
Data visualization
Design systems
Grey-boxing ▪ Hi-fi mockups
Illustration ▪ Technical drawings
Information architecture
Process mapping
Rapid prototyping
Responsive design
Sketching
Usability testing
User journey mapping
User and SME interviewing
User research and surveys
Visual design
Wireframing

Design Tools

Figma ▪ Adobe XD ▪ Sketch
Adobe Illustrator ▪ Photoshop
Microsoft Whiteboard
LucidCharts ▪ Microsoft Visio
InVision

Engineering

Blazor Server
.NET 5 with C# ▪ EF Core
Svelte with Sapper
Vue with Vuex
Node.js with Express
MSTest ▪ Jasmine ▪ Cypress
WCAG AA accessibility
Modern HTML and CSS ▪ Sass
Domain-driven design ▪ CQRS
SQL Server ▪ Neo4j
Data modelling
Docker ▪ CI/CD ▪ Git



MATT TITCHENER

WORK

Independent Contractor cont.

UX Designer, Full Stack Engineer

February 2010 — Present

- **Bibles for America** — UI/UX design for internal Operations Management System. Promoted use of modern web application technologies. Worked remotely from the United Kingdom for duration of contract.
- **Yet Another Project List** — Solo side-project. A project management tool “for small teams who think in lists”. Built with ASP.NET Core, backed by Neo4j database.
- **In-Situ** — Consulting services for marketing automation, professional development, web analytics configuration and tag management. Professional services, including designing and developing high-converting landing pages and product page layouts.

IHS Markit

Full Stack Software Engineer

April 2011 — August 2012

- **RBC investment platform** — Project lead for novel Royal Bank of Canada investment platform for inexperienced investors. Included first-to-market gamification feature set. Built with ASP.NET MVC, Razor, jQuery, and Sass.
- **RBC Portfolio Rebalancer** — Maintained and enhanced white-label RBC portfolio rebalancer product. ASP.NET MVC, custom view-engine, jQuery, and CSS.

Bibles for America, Inc.

UX Designer, Front End Developer

November 2006 — February 2010

- **Corporate website UX redesign** — Simplified user workflows, improved information architecture, visual design. Performed stakeholder interviews.
- **Operations Management System** — UXD and development of JavaScript front-end with jQuery, backed by ASP.NET WebForms. Team member of four-person Scrum team. Product released to 200+ representatives nationwide.

Independent Contractor

UX Designer, Front End Developer

October 2003 — November 2006

- **Point B** — SharePoint redesign; coordinated closely with Point B management. Delivered high-fidelity mockups and style guides.
- **Boxes and Arrows** — Designed and implemented look-and-feel for online UX periodical. Interviewed stakeholders, analysed IA, user flows, delivered design documentation, artifacts. Worked with industry leading UX experts and developers.

AWARDS

Markit Hackaton Winner

Winner of internal design and development hackerthon. A tool for design teams to manage wireframes and hi-fi mockup versions and design variants (2012)

Tor GUI competition

Winner of Tor GUI design competition (2006)

Boxes and Arrows

Winner of Boxes and Arrows design competition (2005)

EDUCATION

King's College, London

Physics with Computer Science

Bachelor of Science

June 2000 — July 2003