

Nick Bolles

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About Me

I'm a software engineer constantly seeking to refine my craft, learn new things, and make an impact. I have experience with a wide range of technologies. Recently I've gained a ton of experience working on a large scale web app that is integral to thousands of companies' business workflows, where I've been leading large architectural changes, while minimizing risk to customer workflows and backing up our decisions with data, while leading the team through adversity.

Some of My Skills

Technical - Strong

Typescript/Javascript/ESNext, React, CSS/SCSS, ASP.Net (C#), Node.js, Web tooling (webpack, bundle analysis, lint, test etc.) REST APIs, Git, Docker, Github/Gitlab

Other Technical

CI/CD, Performance Testing & Optimization, Unit testing, System Design, Vue, Angular, Svelte, MongoDB, NPM, SQL, Jira, Agile, UNIX

Soft Skills

Mentoring and teaching, identifying root causes, extremely quick learner, passionate about quality code, communication, integrity and business

Professional Experience

Senior Software Engineer - DocuSign - Remote

Feb 2021 - Present

Leader on the Signing Application team owning the main DocuSign signer app code, which helps millions of users a day complete critical business processes. I lead DX and front end architecture and backbone to React migration. I'm a leader on the team in knowledge, knowledge sharing, code contributions, quality, process ownership, mentorship and more.

- Developed nearly 400 PRs and conducted over 600 code reviews with ASP .Net (C#), Typescript, React etc.
- Experienced in making impactful changes at scale safely, whether developer facing or customer facing
- Owned Tooling, CI/CD & release process, improving DX and making large strides in code quality safely at scale, such as lint updates, TS Strict mode, and CheckJS reports, Unit test coverage diff report, bundle size diff report and more

Project: Agile Deployments With CDN

Led efforts to move front end releases from monthly, with our .net server, to on-demand, via CDN.

- Critical fix timeline improved from >10 days to within 24h
- Created avenue for testing risky changes with small subset of users and iterating quickly without feature flags
- Advocated for and popularized testing patterns to improve throughput, remove bottlenecks and improve team velocity

Project: Backbone -> React Migration

Led migration efforts, completing several large portions and foundational components.

- Built tools and utilities to help other devs be efficient, such as linting, unit testing TS, code cleanup, sharable hooks etc.
- Lead code reviewer, ensuring high quality and safe and quick transitions to eliminate tech debt
- Led architecture, app boot, perf, store, modules, etc.

Software Developer II - Epic - Verona, WI

June 2017 - Feb 2021

Full stack dev on the Referrals & Authorizations team, writing code that helps save lives. Responsible for project success, including requirement analysis, technical & UI design, development as well as coordinating testing and documentation.

- Developed 6+ large projects, 150+ fixes, and 200+ code reviews with MUMPS, ASP .Net (C#), Typescript and React
- Advocated for developer experience within team and company to promote usage of Typescript, Decorators, better IDE support, advanced CSS, JSX and React as well as internal tools such as Typescript to MUMPS and Record Global

Project: Provider Blueprints

Batch edit tool to stamp changes onto provider records and provide an improvement over flat-file imports

- As of Sept 2020 ~100,000 Blueprints are used every month saving thousands of hours across the healthcare industry!
- Used MUMPS and Epics custom ASP .Net framework (C#, Typescript, JSX) to provide bulk diff UI with intuitive UX

Project: Recurring Authorizations

Led design and development of large scale changes to the Authorizations data model to support recurring auth

- Wrote robust design documents, including eliciting feedback and building consensus from multiple teams
- Developed core library with advanced MUMPS techniques

Education

UW - Whitewater - B.S. Computer Science & B.B.A. Information Technology

Graduated May 2017