Alex Stubbs

Senior Full-Stack Engineer · Atlanta, GA

alex@alexstubbs.com alexstubbs.com linkedin.com/in/alexanderstubbs github.com/alexjstubbs

Full-stack product engineer with over 15 years of building software from start to finish, from the database to the UI, for startups, agencies, my own clients, and brands like Nike, Mattel, IHG and Coca-Cola. Odds are you've held my work: I designed hangtags that ship on licensed merchandise for dozens of major brands. I led the development team on the CDC's COVID-19 data tracker and now own the full stack of a public health data product. Whether I write code by hand or with AI assistance, it goes through the same checks: a written plan, continuous tests, code review, and a person who understands every line.

EXPERIENCE

CDC — Feb 2020 – Present

Lead Full-Stack Developer · Atlanta, GA

- Own AtlasPlus, a CDC public health data product, end to end, from the MySQL database to the React, TanStack Query and Tailwind UI behind Entra ID sign-in. Leading its ground-up refactor.
- Led its migration from on-prem servers to Azure: designed it on App Service, Functions, API Management, Front Door, Storage, Key Vault and Application Insights, with deployments and CI/CD now moving to GitHub Actions.
- Led the development team on the CDC.gov COVID-19 Data Tracker, historically one of CDC.gov's most visited pages, with over 71 million views of its home page in 2020 and 2021.
- Turned complex public health data sets into public-facing visualizations and internal tracking tools for government teams.

`React · TanStack Query · Tailwind CSS · MySQL · Node.js · Azure · Entra ID · Azure DevOps · GitHub Actions · D3 · Cypress`

ICF Next — Aug 2018 – Feb 2020

Senior Full-Stack Developer · Atlanta, GA

- Designed and built the REST APIs, Node services and PostgreSQL schemas behind client sites, and set up their automated testing with Jest, Selenium and Cypress.
- Refactored Foundry, the shared Adobe Experience Manager component library IHG used to launch new hotel brand sites in multiple languages.
- Lead accessibility developer, responsible for WCAG compliance across client projects, and mentored junior developers.

`Node.js · TypeScript · GraphQL · PostgreSQL · React · Vue · Adobe Experience Manager · Cypress`

Equifax, contract via TEKsystems — Feb 2018 – Aug 2018

Senior Software Developer · Atlanta, GA

- Built modern UI components for internal applications in Angular and TypeScript.
- Wrote and maintained the team's front-end code standards.

`Angular · React · TypeScript · Sass`

Northrop Grumman, contract via TEKsystems — Aug 2017 – Feb 2018

Senior Developer · Atlanta, GA

- Helped build the new foundation for a major federal health agency's website and its custom WordPress CMS.
- Built the shared React component library every page is built from, with WCAG accessibility designed in.
- Set code standards and the Jenkins build pipeline the rest of the team shipped through.

`React · WordPress · Node.js · Bootstrap · Jenkins`

Liaison Technologies

Dec 2016 – Aug 2017

Senior Developer · Alpharetta, GA

- Migrated big data applications from AngularJS 1.5 to Vue.js.
- Wrote company code standards and style guidelines, with a focus on test-driven development.

Vue · AngularJS · TypeScript · Jenkins

Octane5

Jul 2011 – Aug 2016

Lead Full-Stack Developer · Alpharetta, GA

- Built BrandComply, the licensing platform Ford and John Deere ran their licensed products through, across the whole stack: the Python and Django back end, the MySQL data, and the UI. It covered approvals, royalties, inventory and reporting.
- Built the BC Mobile iPhone app for approving submissions on the go, and the reporting dashboards in D3.
- Designed the product UI, and led client work for brands including Nike, Coca-Cola and Mattel.

Python · Django · MySQL · JavaScript · Node.js · D3

INDEPENDENT WORK

Alongside full-time roles: my own clients through Elemeno, and short contracts.

Zeewise

2025–present

Lead engineer

Took zee360, a multi-tenant app franchise brands use to run their locations, from an AI-generated prototype to production, and make the calls across the stack. Set up its AWS infrastructure (EC2, ECS, Lambda, S3), database, GitHub Actions deploys and Cognito SSO over OAuth2 and OpenID Connect; the React front end uses Zustand.

Nodal

2021–2022

Lead developer

Led development of the React web app for a surrogacy startup that launched on a $5M seed round.

Fiserv

2021

Senior front-end developer (contract via Insight Global)

Mostly new development for the financial technology company, in React, TypeScript and GraphQL on AWS.

Polycade

2018–2020

Full-stack engineer

The software in an arcade startup's cabinets, its accounts and leaderboards layer, and polycade.com, in React.

SKILLS

Languages	TypeScript, JavaScript, Python, SQL, HTML, CSS
Back end and data	Node.js, Django, MySQL, PostgreSQL, MongoDB, REST, GraphQL, OAuth2, OIDC and JWT
Infrastructure	Azure (AZ-900 certified), AWS, Docker, GitHub Actions, CI/CD
UI	React, Zustand, TanStack Query, Vue, Astro, Tailwind CSS, D3, Accessibility (WCAG), i18n
Practice	TDD, Cypress, Jest, Code review, AI-assisted development (Claude Code, Codex)