

WILL BOYD

Portfolio

codersblock.com

Email

will@codersblock.com

INTRODUCTION

Software engineer specializing in front-end web development

SKILLS

Concepts

Web Performance/Optimization, UX, Accessibility, Responsive Web Design, SEO, Test Automation, Preprocessors, APIs, Design Systems, AI, Localization, Open Source

Languages/Frameworks

JavaScript, TypeScript, Ember, React, Vue, Svelte, jQuery, Node.js, GSAP, Three.js, Matter.js, CSS, Sass, HTML, SVG, Regex, SQL, Eleventy, Gatsby, ASP.NET, C#, Visual Basic, PHP

Software/Services

Git, npm, Yarn, Photoshop, Illustrator, Figma, WordPress, Contentful, Netlify, Heroku, Optimizely, Asana, Jira

WORK EXPERIENCE

Block – Atlanta, GA

Senior Design Technologist 2021 – 2026

- Served as technical lead on multidisciplinary project teams
- Maintained the Square website presence in 8 countries and contributed to initial launches in 3 countries
- Created custom components for unique designs and interactivity for campaign and product webpages
- Implemented A/B testing, wrote SQL queries, and created analytics dashboards to enable data-driven decision-making
- Built internal tools and scripts to expedite work and reduce human errors
- Created webpages and emails for campaigns, in collaboration with marketing, often with aggressive timelines

Senior Software Engineer 2019 – 2021

- Implemented usability and design improvements across Square's web application for merchants
- Proactively improved front-end infrastructure and build times

Salesforce – Atlanta, GA

Senior Software Engineer 2018 – 2019

- Overcame technical challenges to present two separate codebases as a single cohesive web application
- Wrote autocomplete functionality for the Salesforce Lightning Design System VS Code extension

UX Engineer 2016 – 2018

- Created prototype applications for user research
- Took ownership of front-end architecture to optimize web performance and greatly improve documentation
- Engineered solutions for incrementally replacing legacy designs in a large codebase with a new design system

Software Engineer 2015 – 2016

- Launched Engagement Studio, a visual web application for building automated marketing flows
- Created a graphical user interface with seamless animations and intuitive controls for movement and scaling

POP – Seattle, WA

Senior Interactive Developer 2014 – 2015

- Led front-end development of the Big History Project website
- Led development of Costco Travel's mobile website
- Completed projects for various clients, including Nike, Target, and Ironman Triathlon

Amazon – Seattle, WA

Software Development Engineer 2013 – 2014

- Built web applications for Amazon Cloud Drive
- Improved codebase health by increasing unit test coverage and monitoring code complexity

CareerBuilder – Norcross, GA

Senior Software Engineer 2011 – 2013

- Rebuilt CareerBuilder's Android app from the ground up
- Improved usability for mobile users by adding more mobile web features and responsive pages

Turner Broadcasting – Atlanta, GA

Advanced Software Developer 2010 – 2011

- Maintained critical CNN services for transmitting breaking news reports and multimedia metadata
- Worked on NewsDesk, CNN's internal web application for resource management and scheduling

EDUCATION

Georgia Institute of Technology – Atlanta, GA
Bachelor's Degree in Computer Science

- Specialization in databases

PUBLIC SPEAKING

Exploring 2D Physics in JavaScript – codersblock.com/go/physics
RevolutionConf 2018

Silky Smooth Animation with CSS – codersblock.com/go/silky
CSSConf US 2016

Motion Detection with JavaScript – codersblock.com/go/motion
RevolutionConf 2016

WRITING

Coder's Block Blog – codersblock.com/blog
Web development articles recognized by Smashing Magazine,
CSS-Tricks, the W3C, and many others

OPEN SOURCE

WordPress Export to Markdown – codersblock.com/go/wetm
Command line tool for converting WordPress content into
Markdown files, with over 1.5k stars on GitHub