Zack Haigh
Senior Software Engineer

zack@zackhaigh.com
(845) 519-4964

Languages: JavaScript, TypeScript, HTML5, CSS, LESS, SASS
Frameworks: React, Redux, Vue.js, Vuex, JQuery, Express, Mocha/Chai, Sinon, Jest
Technologies: Node.js, Git, Webpack, Rollup, Jenkins, DataDog, HLS, AMP, PWA, WebRTC, Socket.IO, Axure, Sketch, Photoshop, Illustrator, WASM, FFMPEG, Browserstack

Zoom
Senior Software Engineer   May 2022 - Jan 2023
- Owner of livesdk video channel
- Maintainer of Zoom Contact Center (ZCC)
- Founding member of ZCC Front-end Planning Committee
- Providing knowledge share sessions, tech debt analysis, and process debt analysis
- Conducted several hiring interviews for front-end candidates
- Training junior engineers in engineering/language/framework best practices
- Conducting peer reviews of design documents

JW Player
Senior Software Engineer   February 2019 - April 2022
- Maintained/developed features for product with over 2.7 billion unique monthly users
- Wrote and maintained high performance ES6 Javascript Modules and LESS styles
- Implemented over 144 FE features including Tizen Playlist UI, and Video Thumbnails.
- Contributed code to OSS repos such as jwplayer, HLS.js, and amphtml
- Programmed 100% unit test coverage for all self authored features
- Led teams for several products from prototype to GA
- Independently designed several GA features
- Conducted multiple product A/B tests at scale
- First place in Summer Hackathon 2021, previous hackathon entry now in GA
- Additional responsibilities include: Engineering mentorship, product consultation, SERV rotations, PagerDuty rotations, and release management

Greenslate
Front End Developer   October 2016 - May 2018
- Owned entire frontend SDLC
- Re-architected JS application in a 2 week sprint to simplify rebranding process
- Wrote RazorMVC/KendoUI templates and Javascript/Kendo ViewModels
- Maintained LESS and styled all new components
- Feature development and support of C# backend services
- Wrote C# Models for forms/data driven views.
- Improved scrolling performance by 83 - 94%.

NYSSA
Digital Media Assistant   October 2015 - March 2016
- Created advertisements and site content using Adobe CS and HTML/CSS
- Maintained brand website
- Refactored website navigation
- Identified and fixed several back end issues that substantially improved server performance and site load times

Projects/Freelance

Tellmi   May 2018 - December 2018
Founder
- Independently prototyped, designed and built a fully scalable MVP for a real-time p2p social app through to launch
- MERN (Mongo, Express, React, Node), Socket.IO, Redux, and Mongoose.
- Implemented WebRTC for client-side video chat
- Pitched tier-1 investors on product and market
- Developed all business logic into privacy-centric social app
- Created marketing and business plans for CPC user acquisition model

Sweater Beats   2015 - 2017
Freelance Software Engineer/UI Designer
- Three years building touring/album release websites for Atlantic Records signed artist
- 2017 - React with an API integration to Bandsintown, to deliver up-to-date tour dates and ticket sale links

Carver150   2015
Freelance Graphic Designer/Software Engineer
- Created a custom website, branding, and CMS for a restaurant franchise with menus that are created daily.

Arana Interactive
Graphic Designer/Front End Developer/Creative Director   July 2014 - July 2015
- Joined agency as a graphic designer in 2014
- Trained in web development under C-level leadership.
- Designed logos, created/styled websites and oversaw frontend development on projects
- Utilized HTML5, CSS3, SASS, and PHP
- Worked with clients ranging from small businesses like Ambulette, to multinational franchises like SPiN

Education
August 2008 - June 2010
Bard College at Simons Rock, MA
Pursuing B.A., Physics

August 2010 - January 2012
Hunter College

References available upon request.