

# Robert Guss

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Hatboro, PA | 561-635-5270 | robertguss@gmail.com  
[linkedin.com/in/rguss/](https://www.linkedin.com/in/rguss/) | [github.com/robertguss](https://github.com/robertguss) | [howtocode.io](https://howtocode.io)

## EDUCATION

Berklee College of Music, Boston, MA  
Bachelor of Music in Composition - May 2013  
*Magna Cum Laude*

## SKILLS

React | Vue.js | HTML | CSS | JavaScript | TypeScript | Tailwind CSS | Next.js | Git | Cypress | Jest | PHP | Node.js | Docker | Linux | WordPress

## PROFESSIONAL EXPERIENCE

**Founder | March 2015 - Current**  
**HowToCode.io | Remote**

- Teach over 46,000 developers through [my Udemy courses](#) with over 2,000 4.5 star reviews
- Author of [three books](#) on Astro, The Go programming language, and Jamstack
- Host of the [HowToCode podcast](#) with over 18,000 plays
- Creator of [howtocode.io](https://howtocode.io) which has over 70 tutorials on various web development topics and technologies with an average of 3,000 new users per month
- Creator of the HowToCode newsletter with over 1,500 subscribers

**Solutions Engineer | March 2023 - January 2024**  
**Airplane Labs | Remote**

- Acquired by Airtable in January 2024
- Provided technical customer support for all our users achieving an average response time of under 8 minutes
- Developed responsive landing pages for our marketing site (including the [landing page](#) used to launch on Product Hunt)
- Developed and implemented customized views, tasks, and templates to expedite customer onboarding
- Redesigned documentation information architecture
- Skills: Next.js, MDX, React, TypeScript, Tailwind CSS, Cypress, GitHub Actions, Python, Docker, SQL

**Developer Experience Engineer | April 2021 - September 2022**  
**Cypress.io | Remote**

- Co-authored the [Real World Testing with Cypress](#) curriculum which teaches developers how to test modern web applications
- Created instructional videos, tutorials, documentation, and example apps
- Led the migration from Nuxt.js to Docusaurus for our documentation site
- Created and maintained various repos and plugins in the Cypress ecosystem, like our GitHub Action, CircleCI Orb, VSCode plugin, and the "Real World App"
- Accelerated the launch of Cypress component testing through rigorous testing, debugging, and API design by creating demos and examples apps
- Developed new landing pages for the new redesign of [www.cypress.io](https://www.cypress.io)
- Skills: Next.js, React, MDX, Xstate, TypeScript, Tailwind CSS, Cypress, GitHub Actions, Circle CI, Docusaurus

**Senior Software Engineer | December 2018 - April 2021**  
**InsureMyTrip | Remote**

- Led the initiative to revamp front-end tooling for the engineering team, increasing code quality and developer productivity
- Drove cultural shift toward automated testing, which significantly reduced customer-facing issues and bugs
- Partnered with product managers and UX to design and launch a new quote form, enhancing the travel insurance purchase process
- Skills: PHP, Python, Ruby on Rails, Vue.js, JavaScript, Cypress, Test Cafe, WordPress

**Senior Software Engineer | December 2014 - December 2019**  
**Freelance/Contractor | Remote**

- Design & develop custom sites and applications
- Develop custom WordPress themes and child themes
- Custom integrations with 3rd party APIs and services
- Optimize sites for overall performance, page speed, SEO, image optimization, etc.
- Skills: WordPress, Next.js, React, Vue.js, TypeScript, Tailwind CSS, PHP, MySQL

**Web Developer | June 2017 - December 2018**  
**DNL OmniMedia | Remote**

- Created and maintained several websites and applications for various nonprofits
- Migrated our tooling and build system from Gulp to Webpack
- Skills: PHP, WordPress, Vue.js, JavaScript, HTML, CSS, SASS

**Front-End Developer | May 2015 - June 2017**  
**inMusic Brands | Cumberland, RI**

- Led front-end development across a portfolio of 14+ company websites
- Built high-converting microsites and landing pages for product launches
- Developed responsive HTML emails
- Skills: PHP, Expression Engine, jQuery, HTML, CSS