

Brad Smith

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Full stack web developer skilled in React, Ruby on Rails, JavaScript, jQuery, Node, linux, git, html, css, ci/cd

EMPLOYMENT

- Software Engineer [Houghton Mifflin Harcourt](#), Boston, MA (remote) July 2021 - present
- Code features in React, GraphQL, MaterialUI and StoryBook in large mono-repos for HMH's digital education product Math180
 - Collaborate and iterate with internal and offshore teams to continually improve the Math180 platform
 - Troubleshoot issues, fix bugs, pair-program, review pull requests, onboard new developers
 - Developed basic working knowledge of Unity game development for HMH's Brain Arcade math games products
- Contractor, Software Engineer [Ombulabs](#), Philadelphia, PA (remote) May 2021 – July 2021
- Contractor for Abstract.com, coding features, maintenance and bug fixes using Rails, Javascript, React, GraphQL and PostgreSQL
 - Documented my onboarding and delivered knowledge transfer to new team members
- Software Engineer II [Dana-Farber Cancer Institute](#), Boston, MA Jan 2020 – May 2021
- Worked on small team supporting legacy Rails apps, coded features, fixed bugs, addressed back end issues, created servers
 - Migrated, refactored and deployed a complex Rails/Javascript app from Rails 5 to Rails 6, including Twilio and HighchartsJS
 - Collaborated with internal stakeholders on bug fixes and feature requests, providing timely, transparent communication
- Full Stack Web Developer [Metropolitan Area Planning Council](#), Boston, MA Mar 2019 – Jan 2020
- Built data-driven web applications in Rails, React and vanilla Javascript for 101 municipalities surrounding Boston
 - Developed front end solutions from AdobeXD UI/UX designs using React
 - Maintained legacy Rails apps, resurrected legacy apps built in Ember and Backbone, including geo data for mapping in web apps
- Contractor, Web Developer [Layerframe Studios](#), NYC (remote) Aug 2019 – Feb 2020
- Worked as a sub-contractor for Layerframe client: Spotify Culture Compass site
 - Added new features using Vue.js, Three.js, D3 and CSV data conversion in multiple languages, delivered on time and under budget
- Technical Coach [Flatiron School](#), New York City (remote) Feb 2018 – Mar 2019
- Pair programmed with students learning full stack web development, teaching coding, conceptual knowledge and debugging skills
 - Conducted [study groups](#), one-on-one coaching and technical mentoring for students on the Rails w/Javascript Project
- Self-employed Web Developer smithWEBtek.com, Bedford, NH Jan 2016 – Feb 2018
- Coded prototype applications for individuals, businesses and organizations based on client business data and logic
 - Contributed code to civic-based open-source projects through CodeForBoston
- Sr. Consulting Sales Engineer [Pragmatic Works Consulting, Inc.](#), Salem, NH Jan 2014 - Feb 2016
- Mentored team on technical consulting sales processes and managed financial invoicing for the consulting practice
- Consulting Sales Engineer [Pragmatic Works Consulting, Inc.](#), North Andover, MA Sep 2011 - Jan 2014
- Provided consulting sales engineering for 18 sales reps; scoped and composed statements of work, closing 71% of deals touched
- Technical Support Engineer [Pragmatic Works Software, Inc.](#), Jacksonville, FL Mar 2011 - Sep 2011
- Demo software to technical end users; managed large caseload of tickets; taught workshops SQL Server MVP, Brian Knight

COMMERCIAL WORK

- [Math 180](#) Blended-learning [math intervention program](#) to build grade-level proficiency for students K-12.
- [BWEL STUDY](#) Wellness and weight loss app for breast cancer survivors
- [Metro Common 2050](#) | [Github](#) MAPC regional plan site: Refinery CMS, Postgres DB, custom JS/jQuery/Sass/CSS, tag and filter

PERSONAL PROJECTS

- [Music Studio](#) | [git-client](#) | [git-API](#) Demo Music teaching studio app: React front end with Rails API, with custom Resource viewer
- [Voter Pref](#) | [git-client](#) | [git-API](#) Demo voter site: Entry or map click address geocoding, voter preference, D3 bar chart, multiple views
- [Netflix Genres](#) | [git-repo](#) Demo Netflix genre codes: Custom Rails API to serve up URLs based on chosen movie genre

EDUCATION

- Flatiron School, New York (remote) Full Stack Web Development Feb 2018
- Pragmatic Works, Jacksonville, FL SQL Server Foundation Training Dec 2010
- Berklee College of Music, Boston, MA Bachelor's Degree, Professional Music June 1985