Brad Smith

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Full stack software engineer skilled in React, Javascript, Linux, GIT, HTML, CSS and cross-team collaboration

EMPLOYMENT

Software Engineer [Houghton-Mifflin Harcourt](https://www.hmhco.com/) (HMH), Boston, MA (remote) July 2021 - present

* Code new features in React, GraphQL, MaterialUI and StoryBook in large mono-repos for HMH 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.

Senior Software Engineer [Ombulabs](https://www.ombulabs.com/), Philadelphia, PA (remote) May 2021 – July 2021

* Short-term contract for Ombulabs client: Abstract.com
* Coded solutions using Ruby on Rails, Javascript, React, Docker, CircleCI, GraphQL and PostgreSQL
* Collaborated with a diverse, worldwide team, troubleshooting issues, pair-programming, reviewing pull requests.

Software Engineer II [Dana-Farber Cancer Institute](https://www.dana-farber.org/), Boston, MA Jan 2020 – May 2021

* Worked on a two-person team supporting multiple legacy Rails apps for the Institute, with goals to upgrade all to Rails 5 and above.
* Migrated, refactored, and deployed a complex Rails/Javascript app from Rails 5 to Rails 6, including Twilio and HighchartsJS
* Worked with nursing and scientist end users on bug fixes, feature requests, data visualizations, providing flexible communication.

Full Stack Web Developer [Metropolitan Area Planning Council](https://www.mapc.org/), 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
* Used geospatial JSON data to incorporate mapping into web apps.

Contractor-Web Developer [Layerframe Studios](http://layerframe.com/), 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](https://flatironschool.com/), 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

Full Stack Web Developer [smithWEBtek](https://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](http://www.codeforboston.org/)

Sr. Consulting Sales Engineer [Pragmatic Works Consulting, Inc](https://www.pragmaticworks.com/)., Salem, NH Jan 2014 - Feb 2016

* Mentored new Consulting Sales Engineer, Project and Team Leads on technical consulting sales processes.
* Managed financial invoicing and reporting for the consulting practice

Consulting Sales Engineer [Pragmatic Works Consulting, Inc](https://www.pragmaticworks.com/)., North Andover, MA Sep 2011 - Jan 2014

* Provided consulting sales engineering for 18-person sales force, scoping, and composing legal statements of work.
* Managed scheduling for team of 30 technical consultants, matching their skills to scoped SOW contracts.
* Closed 71% of deals touched.

Technical Support Engineer [Pragmatic Works Software, Inc](https://www.sentryone.com/about-us/news/sentryone-acquires-pragmatic-works-software)., Jacksonville, FL Mar 2011 - Sep 2011

* Demonstrated software to technical end users; managed caseload of 50+ tickets daily; reduced average case life cycle to 72 hours.
* Co-presented and taught technical workshops on SSIS with Pragmatic Works founder, SQL Server MVP, Brian Knight

PROJECTS

[Math180](https://www.hmhco.com/classroom-solutions/math) Math program for grades 5-12 in over 57,000 public schools, Houghton-Mifflin Harcourt  
[BWEL study](https://bwelstudy.org/) Wellness and weight loss app for breast cancer survivors, Dana-Farber Cancer Institute  
[Metro Common 2050](https://metrocommon.mapc.org/) Regional plan site, Metropolitan Area Planning Council

EDUCATION

Flatiron School, NYC remote Full Stack Web Development Feb 2018

Pragmatic Works, Jacksonville, FL SQL Server Foundation Training Dec 2010