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SUMMARY

Experienced Full Stack Engineer specializing in React, JavaScript, and Rails, with a track record of developing high-impact software in ed-tech, cancer research, and municipal government. Skilled in cross-functional team collaboration, code optimization, feature development, and mentorship. Open to contract roles.

TECHNICAL SKILLS

Languages: JavaScript, React, Ruby, Python, MaterialUI, HTML, CSS

Backend: Ruby on Rails, GraphQL, Node.js

Databases: PostgreSQL, MySQL, MS SQL Server

Tools: Git, CI/CD, Storybook, MaterialUI, Docker, CircleCI

EXPERIENCE

Software Engineer – *Houghton-Mifflin Harcourt* (Remote) | **Jul 2021 – Oct 2024**

Developed features, fixed bugs, code owner for **Math180**, a React-based math app used in 57,000+ public schools.

Led developer onboarding and knowledge transfer to offshore teams.

Supported a full **Spanish translation of Math180** (2023-2024).

Senior Software Engineer – *OmbuLabs* (Remote) | **May 2021 – Jul 2021**

Worked as a **Rails and React consultant** for OmbuLabs' client, Abstract.com.

Developed and optimized new features using **Ruby on Rails, React, Docker, and PostgreSQL**.

Integrated **CI/CD pipelines with CircleCI** to streamline deployments.

Software Engineer II – *Dana-Farber Cancer Institute* | **Jan 2020 – May 2021**

Migrated/upgraded a **Rails 5 app to Rails 6**, integrating **Twilio and HighchartsJS**.

Enhanced software usability and data visualization for research teams.

Full Stack Web Developer – *Metropolitan Area Planning Council* | **Mar 2019 – Jan 2020**

Built data-driven web applications for municipal clients using **Rails, React, and PostgreSQL**.

Implemented interactive **geospatial mapping** features with JSON data.

Contractor-Web Developer – *Layerframe Studios* (Remote) | **Aug 2019 – Feb 2020**

Enhanced **Spotify Culture Compass** features using **Vue.js, Three.js, D3, and CSV data**.

Technical Coach – *Flatiron School* (Remote) | **Feb 2018 – Mar 2019**

Provided one-on-one coaching and debugging instruction for full-stack web development students.

Led live study groups on **Rails, JavaScript, and React** based on the Flatiron curriculum.

Full Stack Web Developer – *smithWEBtek* (Consulting) | **2016 – Present**

Developed **custom web applications** and contributed to **CodeForBoston** open-source projects.

KEY PROJECTS

Math180 (HMH): React, GraphQL, MaterialUI, Storybook – Large-scale math intervention app.

BWEL Study (Dana-Farber): Rails, PostgreSQL, Twilio, HighchartsJS – Wellness app for cancer research.

Metro Common 2050 (MAPC): Rails, React, JavaScript – Regional planning initiative for Boston-area towns.

EDUCATION

Flatiron School – Full Stack Web Development, 2018

Pragmatic Works – SQL Server Training, 2010

ADDITIONAL INFO

Based in **Boston, MA** | Open to **remote contract work** | Passionate about **music, salsa, and piano tuning**