PATRICK M. WALSH

pmwals09@gmail.com | linkedin.com/in/p-m-walsh | github.com/pmwals09 | patrickmwalsh.com

Related Experience

FAST FORWARD, LLC, Salem, MA   Jul 2020 – Present
Application Developer
Developing custom applications tailored to clients' unique needs across diverse industries, including medtech, museums, and construction, to enhance operational efficiency and improve user experience. A selection of these follows:

- **Fortune 500 Medical Device Manufacturer - Economic Intelligence & Insights Platform**   Dec 2020 – Present
  - Leading a team of 3 to maintain and extend a sales-enablement platform that provides sales intelligence and ROI reporting for 2,000+ representatives, driving >$100 million in sales.
  - Performed initial conversion from AngularJS to React, and from a custom application platform wrapper to Showpad. Successful execution has led to 30+ additional contracts with additional departments.
  - Developed client-specific component libraries and developer tooling to reduce feature development time by 40%.
  - Implemented a new data pipeline in NodeJS that shortened annual SQLite database updates by 50%.
  - Technologies used: JSPDF, NodeJS, React, Redux, Redux-Saga, Showpad, TypeScript, Vite, Webpack
- **Celerity Integrated Services, Inc. - WellBid Bidding and Estimating Calculator**   Jul 2020 – Present
  - Lead front-end developer on a bidding/estimating platform that replaces slow, manual, and error-prone Excel bids.
  - Took over a stalled project during the pandemic to launch v1.0. Specifically requested for additional work.
  - Implemented front-end authentication using the Microsoft Authentication Library and Azure Active Directory.
  - Upgraded the code base from React 16 (classes) to React 18 (hooks).
  - Technologies used: JavaScript, MSAL Authentication, React, Redux, Redux-Saga
- **Smithsonian National Museum of Natural History - Museum Interactive**   Jan 2023 – Jul 2023
  - Built an interactive, highly accessible chatbot-like experience with data visualization for a new exhibit.
  - Available on touch screen kiosks in the museum and on the web, intended to be accessed by phone.
  - Custom audio description management system to achieve WCAG-AA accessibility goals.
  - Technologies used: ElectronJS, Highcharts, JavaScript, React, React Spring, Redux Toolkit

LAUNCH ACADEMY, INC., Boston, MA   Jan 2020 – May 2020
Apprentice Full Stack Developer
- Completed immersive, full-time, full-stack web development program, rated as the Best Bootcamp by Course Report, gaining hands-on experience in development and database management and deployment strategies.
- Developed skills and knowledge to enter the industry and immediately begin making meaningful contributions.

Other Experience

SHAWMUT DESIGN AND CONSTRUCTION, Boston, MA   Mar 2015 – Nov 2019
Corporate Marketing Professional
- Developed a comprehensive reporting system to manage >1,000 deliverables/year for a five-person team. Provided clear direction to ensure the timely and accurate completion of deliverables, improving efficiency and satisfaction.
- Collaborated with leadership to hire talent across various roles, including designers, directors, and other key positions.

BLUE CROSS BLUE SHIELD OF MASSACHUSETTS, Boston, MA   Jan 2010 – Mar 2015
Proposal Development Professional
- Collaborated with 60+ subject experts to write proposals >$15 million/year in premiums for Fortune 500 companies.
- Managed and coordinated the production of 200 RFPs per year for a department of five, overseeing copyediting, formatting, logistics, and generating new reports to ensure high-quality and timely submission of proposals.

Education

COLLEGE OF THE HOLY CROSS, Worcester, MA (2009) - **Bachelor of Arts**, Classical Studies, Cum Laude