









Award winning UX developer dedicated to building, optimizing, and innovating the performance of user-centric web applications. From building and debugging to managing teams of up to 5 developers, my talents range from architecting modular development suites, building process workflows, and conceptualizing c-level designs into live products. In turn, the businesses have reported successful launches of multi-million user applications, increases in application performance, decreases in cost to maintain code bases with fewer recurring errors, decreased risk exposure within release cycles, and decreased cost of poor quality.

My recent experience involves React / Redux, Typescript, and Tailwind, using an Enzyme / Jest / Mocha testing suite, running in a Node.js / npm environment. Additional code experience includes HTML5, CSS3 / LESS / SASS, Javascript ECMA6, jQuery, PHP, JAVA (JSP / JSTL), Lovelace, YAML, JSON, Git, Bash, Gulp, and WordPress



# **Work Experience**

### UI Engineer IV, Comcast xFi

June 2018 to December 2020, Philadelphia, PA

- Built, optimized, and maintained a React/Redux web app architecture to handle a growth of 900k to 2.3MM weekly users.
- Created and implemented an asset pipeline and architecture using Webpack and Gulp to syndicate the application platform for multiple partners, including 4 countries, 4 languages, and 22 million additional potential users.
- Led team through refactoring and React migration efforts that saved 11 seconds from Page Ready load timings, improving performance by 70%.
- Maintained and expanded a Webview message bridge used to pass information between the web
  platform and the native mobile application. This Webview enabled rapid development and
  release of new features with consistent experiences across platforms, reaching the largest
  possible userbase.
- Created and implemented architecture-level Dev Tooling along with new standard operating processes via Typescript and Tailwind. These efforts increased productivity and reduced defects with data handling, saving the team over 40 hours per month in development time.

https://internet.xfinity.com/

#### UI Engineer III, Comcast Business My Account

June 2016 to May 2018, Philadelphia, PA

- Created and developed SDWAN, net new product offering within Comcast Businesses, generating \$5MM+ in revenue annually. SDWAN is a cloud based networking solution enabling companies to easily manage their network, saving them money on expensive in-house engineers.
- Built and maintained an enterprise user portal with over 2 million subscribers, using Node.js to compile a Knockout.js Front-end with a .Net architecture.
- Drove innovation and modern UI standards in development during Front-end migration to React/ Redux architecture. These upgrades created reusable code patterns that helped with decreasing development time, maintenance costs, and the appearance of critical defects.
- Led development of common styles update to the entire Business My Account suite to align with the rest of Comcast consumer and enterprise properties.

https://business.comcast.com/myaccount/

#### Team Lead, UX Development, eBay Enterprise

June 2013 to April 2016, King of Prussia, PA

• Led and managed the UX Development Team, responsible for building and maintaining 21+ e-commerce stores. The lead role involved code development, estimating project efforts, and conducting code reviews for the 5 developers on the team.

- Built and maintained a Java-based e-commerce platform used by 250+ major retailers, such as Dick's Sporting Goods, Speedo and iRobot. The platform was responsible for catalyzing the sales of \$XXXBB in annual revenue.
- Utilized Javascript, jQuery, and Prototype.js to create new web features like Quick Shop, Product Image Zoom, and Dynamic Product Filtering, which increased sales performance by 82% pre/post.
- Created modular code snippets using Java templates and SASS implemented across our book of business. In turn, my team saw a maintenance savings of 50%, or 6-8 hours per developer per week.

https://www.ebayenterprise.com/

### Web Developer, The Brownstein Group

July 2011 to May 2013, Philadelphia, PA

- Created multiple weeks of mobile advertisements, static and interactive, for clients like IKEA and Einstein Healthcare using Adobe Flash that were seen by 10s of millions of people.
- Created and maintained multiple micro-sites and social media pages for client brands.
- Coded email campaigns using HTML and CSS that were sent to millions of IKEA customers.
- Created an interactive magazine experience for IKEA using jQuery, HTML5, and CSS3, which won many ADDY and WEBBY awards.

https://www.brownsteingroup.com/



# **Honors & Awards**

- Xfinity xFi Best User Interface, WEBBY Award Nominee, 2018
- Xfinity xFi MSO Product Launch of the Year, Top Ops Awards, 2018
- Comcast Business SD-WAN TMC Internet/Telephony Product of the Year, 2018
- Comcast Business VoiceEdge TMC Communications Solutions Product of the Year, 2018
- Comcast Business Ethernet MEF Enterprise Application Awards in Sports & Health, 2017
- IKEA Interactive Seasonal Catalog WEBBY Award Honoree, 2013
- IKEA Interactive Seasonal Catalog (Consumer Products), Gold ADDY Award, 2013
- IKEA Easy to Assemble Website (Consumer Outlets), Silver ADDY Award, 2013
- IKEA New Movers Microsite (Products), Gold ADDY Award, 2013



## **Education**

**Drexel University**, Philadelphia, PA **Bachelor of Science**, 2011 **Digital Media** Web Design



## **Hobbies**

- Photography
- UX Design / Human Computer Interaction
- Recreational Softball & Hockey
- Wing Chun Kung Fu
- Live Music
- Smart Home development