Grayson Randall

Address: 383 Grand Street, New York, NY 10002
Phone: 815-600-6610
Email: graysonrandall5@gmail.com
GitHub: https://github.com/glranda

EDUCATION:

Illinois State University - BS Arts Technology (Multimedia)   *2011 - 2015*

TECHNICAL SKILLS:

Languages — **JavaScript, TypeScript, HTML, CSS, LESS/SASS, PHP**

Frameworks/Tools — **React, Node.js, Webpack, Git, Next.js, SQL, Postgres, MongoDB**

Methodology — **Agile, Scrum, Kanban, Jira, Figma, Storybook**

EXPERIENCE:

HEARST MEDIA — *Remote (New York)*

Frontend Engineer II   *February 2022 - Present*

- Replatformed the technical stack of an enterprise application for the Digital Newspapers department, spanning 45+ client sites (with Next, Node/React, TypeScript, MongoDB)
    - Created custom components, using the Atomic Component Pattern, for the component library
        - Components were built identical to design mockups and business logic requirements
    - Composed custom tests for the component library (with Jest)
    - Migrated and organized components into Storybook to improve the Design System
    - Created and maintained system documentation and frontend best practices documentation

Frontend Engineer I   *February 2019 - January 2021*

- Team lead in troubleshooting daily issues for a Digital Newspapers platform (45+ sites) across the US (with JavaScript, SASS, PHP/Smarty)
    - Worked alongside the editorial team to resolve various internal and external issues, bugs, and oversights related to the platform
    - Created workflow processes to assist product managers, editors, and producers in navigating internal tools, such as:
        - Article editing and curation of stories
        - Embedded videos and video loops for programmatic/direct revenue
        - Site look/feel, layout, ad mapping, and other visual effects for the frontend
- Constructed tickets for the frontend team based on product timeline, scope, and business goals
    - Translated daily discrepancies and bugs on the platform to sized tickets, as needed
    - Leveraged sprint grooming sessions to prioritize and develop an in-depth understanding of the demands of each ticket, to ensure alignment with business goals and needs

- Completed new website features, tech debt improvements, and page performance enhancements for the Newspapers platform
  - Created UI newsroom tools such as collections, feeds, lists, embeds, menus, media players
  - Refactored stale code and rearchiteched file structures to decrease bundle size

Projects:

- Technical lead in deploying a proprietary Infinite Scroll feature into a Digital Newspapers application
  - Investigated and identified essential business requirements needed to create the feature
    - Facilitated open discussions to strategize with ad ops on creating custom ad maps to increase monetary revenue
    - Collaborated with data ops to build analytics and data tracking for the feature, to ensure accuracy in revenue tracking
  - Built in performance improvements relating to event timing to support 3rd party injections
    - Alleviated thread issues by implementing timing logic for events and ads
- Oversaw the re-factorization of the frontend styling system for use on the Digital Newspapers platform
  - Re-engineered LESS legacy styling system to a new variable SASS mapping system
  - Structured map to serve various branding/styling catered to accommodate 45+ websites
  - Conducted and spearheaded testing of this new styling schema
  - Architected the frontend system to compile the local environments more efficiently
- Implemented Lazy-Loading capabilities for Picture/Video to improve load time and user experience
  - Resulted in an improved CLS and SEO score for the Newspapers Platform

NELNET — *Madison, WI*

Frontend Developer I & II   *June 2015 - October 2018*

- Delivered and maintained features and webpages for Student Loan websites and applications (with JavaScript, jQuery, CSS/LESS)
  - Completed UI/UX redesigns, in collaboration with the design teams
    - Delivered pixel-perfect mockups and participated in wireframing sessions
    - Facilitated and participated in Accessibility and Usability testing
  - Maintained and added to frontend libraries and style guides
  - Collaborated with product managers and stakeholders for technical requirements discovery and project timeline estimation
- Refactored legacy features to meet current industry and business standards
  - Rebuilt outdated code that was no longer viable into modern code aligning with current business direction

Projects:

- Completed audit and refactor of frontend UI to meet ADA Web Compliance standards, including:
  - Refactored application semantic structure
  - Screen reader functional testing
  - Revised site colors based on color contrast ratio
- Technical lead in deploying a custom eCommerce CMS (using HubSpot), including:
  - Fully responsive and browser compatible web pages
  - Custom interactive JavaScript and jQuery for features like parallax scrolling
  - Client training for self-sufficient long term maintenance