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**Front-End Architect**

Leader with a track record of success in translating business requirements and staff needs into powerful new applications, infrastructure, and tools critical for the delivery of scalable, reusable code designed to accelerate business goals. A strong foundation in DevOps systems that prioritize creating intuitive UI development environments for streamlining the cross-discipline feedback-loop.

CORE EXPERTISE

**NodeJS | JavaScript | UI Unit Testing | Docker | Storybook | Automated Testing | Git | Agile | Bash/Shell | Travis**

**ReactJS | Octokit | VueJS | GitHub | CSS | SaaS | Web Components/Lit | Gherkin | GraphQL | | AngularJS**

**DevOps | a11y | HandlebarsJS | ExpressJS | Kubernetes | S3**

PROFESSIONAL EXPERIENCE

**IBM** **2016 – 2023**

**Senior Software Engineer, IBM CIO, 2020 – 2023**

Directed all aspects of DevOps architecture for a multi-framework design system with Storybook while increasing performance and efficiency through the development and launch of automated tools and cross-org systems.

* Inherited an existing, hand-released component library project and integrated automated releases, extensive testing, and CI/CD with consistent and trustable release naming and scheduling.
* Led the development of an innersource multi-framework development environment for the simultaneous development of Vanilla and VueJS components.
* Supported the success of a complete rebuild of the internal employee portal in less than a year following the introduction of the new multi-framework development environment.

**System Architect, IBM Watson Health, 2017 – 2020**

Demonstrated continued success as the creator of architecture for the Watson Health Pattern & Asset Library (PAL).

* Rolled out Watson Health’s initial internal design system while consolidating disparate UI component systems and standardizing activities by developing a single design system of UI components made by integrating UI designs from multiple business orgs.

**Senior Front-End Developer, IBM Watson, 2016 – 2017**

Streamlined access to Watson developer documentation by creating a new open-source content management system.

* Partnered with the design team tasked with creating a developer-centric and accessible documentation site for IBM Watson and multiple AI development teams.
* Led the end-to-end completion of a full-stack open-source project, Punchcard CMS, which required immutable data, content versioning, and subscribe-able publishing gateways.

**NBC Universal** **2006 – 2015**

**Software Architect**

Spearheaded the design and development of new libraries, systems, and sites designed to align with changing organizational needs.

* Delivered reusable HTML/SaaS partners while translating all activity and features into in-depth documentation.
* Created NBC’s WordPress system (NBCUPress) which included a focus on a reusable deployment system.

OPEN-SOURCE PROJECTS

**StoryDocker (github.com/storydocker)** **2023 – Present**

**Architect/Owner**

* Implemented Storybook as a microservice using Docker Containers released as an open-source tool (StockDocker) able to be installed with zero dependencies and which features a full testing suite enabling the ability to prototype and test UIs at length via Storybook’s testing-library integrations.
* Eliminated the need for multiple implementations of Storybook (previously one for each application) by introducing the ability for Storybook to run multiple JS frameworks out-of-the-box.

**Punchcard CMS (github.com/punchcard-cms)** **2016 – 2018**

**Architect/Developer**

* Designed and developed a headless, open-source content management system built with a focus on content-strategy.
* Architected full-stack solutions for auto-generated forms, role-based administration, content approval workflows with revisioning, scheduled releases and subscriptions via webhooks.