

DOMINIC SILVA

New York, NY

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I have deep experience building complex web applications with React and other UI frameworks with strong proficiency in design. As a senior dev, I evolve architecture, design and build component libraries, define & evolve APIs, and migrate UI frameworks. As a team lead, I develop roadmaps, drive technical discussions, foster cross-functional collaboration, and educate my peers to help them grow.

EXPERIENCE

SPACE SAVER

Web Developer & Designer

Jul 2024 – Present

- Improved SEO and overhauled overall design increasing traffic over first 3 months and simplifying previously convoluted UX.
- Implement furniture configuration tool to reduce traditional over-the-phone discussions and streamline quote process.
- Produce marketing material and refine marketing strategy to garner more outreach and increase revenue.

IBM

Lead Front End Developer

Nov 2023 – Jun 2024

- Defined contribution & collaboration process for the UI component library and reduced associated tech debt items by 40% after 3 months of taking ownership.
- Developed strategy for more thorough A/B testing and user feedback mechanisms as features continued to migrate.
- Rewrote documentation outlining onboarding process, new coding & testing standards, and common developer tools resulting in a 90% reduction in redundant help requests from new-hires and junior developers.

Senior Front End Developer

May 2022 - Nov 2023

- Developed and implemented a migration plan for converting top 10% of critical app features from Angular 1.x to React 17 TS.
- Achieved a 60% decrease in average support ticket volume after redesigning and reimplementing primary onboarding features.
- Routinely contributed to IBM's open-source React component library that sees over 50K downloads per week.
- Led re-education effort during QE framework migration from Selenium/Java to Cypress/Javascript resulting in minimal help requests and a completion date 6 weeks ahead of schedule.

FREELANCE

Web Developer & Designer

Aug 2021 – May 2022

- Designed, built, and deployed modern, cross browser compatible, and search engine friendly sites for a variety of clients utilizing site builders, standard web technologies, and UI frameworks like React 16+, Angular 2+, and Vue.js.
- Ensured reliable and secure website access for users by expertly configuring domains, SSL, and Linux servers using Apache, DigitalOcean, GoDaddy, and BlueHost.
- Collaborated with clients on creative design & vision, custom features, content writing, SEO, social media, and marketing needs.

KASISTO

Lead Front End Developer

Sep 2020 – Jul 2021

- Developed migration plan to convert web portal from multi-page application to single-page application using Vue.js resulting in a dramatically improved customer experience and a more robust and sustainable project architecture.
- Devised UX solution for and led development of main AI-conversation module reducing related support tickets by ~75%.
- Promoted a scalable and extensible component architecture by spearheading development of custom component library.
- Upskilled junior and full stack colleagues by holding weekly educational meetings on front end technologies and design patterns.

HUBCAP

Co-Founder | Lead Front End Developer | UX/UI Designer

Feb 2019 – Apr 2020

- Accelerated development of vendor web portal by employing a scalable, layered architecture using Angular 2+ and Material-UI.
- Led implementation of core features for vendor web portal such as promo & menu creation, scheduling, and QR scanning.
- Worked closely with back end lead to define business logic, APIs, and full stack architecture.
- Collaborated with UI designer on iOS app design in order to accelerate production time and remain under budget.
- Designed and developed marketing website in open source, React based, Gatsby Framework and deployed with Netlify.

THE ANSWER COMPANY

Web Developer

Sep 2017 – Sep 2020

- Identified and enhanced UX of under-performing features/pages, resulting in an 80% reduction in support tickets.
- Improvements include enhanced UX for high traffic pages, modularized UI components, establishing ADA compliance, and decreasing bounce rate by 40% on average across product pages.
- Signed off by implementing a simplified CMS using the Django framework and React 16 to streamline web page creation/modification, reducing developer reliance and overall operational burden.

FREELANCE

Web Developer & Designer

Sep 2017 – Sep 2020

VIEWTRADE

Full Stack Developer

Sep 2016 – Aug 2017

- Collaborated with design team to retrofit backoffice system by redesigning the UI, improving UX with more intuitive forms and UI flows, and refactoring legacy code.
- Contributed to development of new iteration of web portal using open source, React based, grommet UI framework.
- Implemented a more intuitive data visualization widget for ETF data on customer web portal using D3 library.
- Created more dynamic web pages using JSP Actions and Custom Tags to improve load times and provide a way of encapsulating code functionality.

TOOLS & SKILLS

Technologies

HTML, CSS3, Sass, Tailwind, Javascript (ES6+), Typescript, Vue.js, React 16+, Angular 2+, Zustand, Vuex, Redux, RxJS, ApolloClient, Webpack, Vite, Vercel, Husky, JS/TS�int, Jest, React Testing Library, Cypress, Storybook, Node.js, Express.js, Next.js, Python, Django, Java, Spring Boot, MySQL, MongoDB, PostgreSQL, Redis, GraphQL, Socket.io, Docker, Kubernetes, AWS, Figma, Adobe Suite, Mural, Draw.io
WatsonX Code Assistant, Cursor, Windsurf

Concepts & Disciplines

UX & UI Design Patterns, Layered Architecture, REST, gRPC, Websockets, Test Driven Development, Project Management

Interests

Developer Experience Impact, Developer Tooling, Component Library Development, LLM/NLP, Browser Plugin Development, Game Dev

SIDE PROJECTS

[MTA Real Time Countdown Display – React, Typescript](#)

An implementation of an alternate design to the real time displays in the NYC subway system. It displays more arrival time data at once and in a more intuitive and modern way, utilizing overlapping 'cards', larger fonts, improved alerts, and animations.

[Fertility Data Converter – Vanilla JS](#)

A web tool for converting exported fertility data from other fertility tracking apps to the privacy-centric, open-source, *drip.app* format.

[Car Dealership App – Django, Express, React, Typescript, MongoDB](#)

A fully featured car dealership web application featuring a microservice architecture that utilizes AI sentiment tools for customer reviews. Django is used as the core back end framework, Express for API endpoints, both SQL & NoSQL databases for data storage, and React Typescript for the UI layer. A simple CI/CD pipeline is configured for basic linting and testing.

EDUCATION

STONY BROOK UNIVERSITY

Bachelor of Engineering,
Engineering Science
Class of 2014