Adam Mark

https://adammark.net

Frontend lead / UI architect

WORK EXPERIENCE

6 River Systems (Shopify)
Waltham, Mass.

Jun 2020 – May 2023

Principal Software Engineer

Developed web applications and APIs for a logistics management system (TypeScript, React, GraphQL)

Developed real-time dashboards for monitoring the movement of robots and the flow of goods throughout a warehouse (WebSockets)

Developed map visualization components (SVG, Canvas)

Managed a small team of developers building map editing tools

MC10 (Now Medidata)
Lexington, Mass.

Jun 2015 – Jun 2020

User Interface Engineer

Developed JavaScript framework for BioStamp nPoint, a system for measuring human physiological data related to motor activity, cardiac activity, respiration and sleep (Class II FDA 510(k) cleared)

Developed visualization tools for exploring large, longitudinal data sets (D3)

Developed JavaScript APIs for communicating with Bluetooth-enabled biometric sensors

Designed user experience and visual themes for web browser and mobile applications; enforced design and usability standards

Wrote extensive developer documentation

Curriculum Associates
Billerica, Mass.

Apr 2014 – Jun 2015

User Experience Architect

Developed client-side JavaScript framework and UX patterns for a suite of instructional and diagnostic applications in K-12 education

Brightcove
Boston, Mass.

May 2011 – Apr 2014

User Interface Engineer

Developed client-side JavaScript framework for a leading, white-label video publishing platform

Developer Evangelist

Promoted hybrid-native app development for Brightcove App Cloud through speaking engagements, developer training sessions, video tutorials, code samples, and blogging

Nurtured a community of App Cloud developers, both in person and online

Supported sales and marketing efforts

Home Front Communications
Washington, D.C.

Dec 2009 – May 2011

Technical Director

Managed a team of developers in the interactive division of a full-service communications firm with a focus on non-profit organizations and government agencies

Oversaw production and maintenance of more than 40 web sites

Helped draft budgets, select vendors and write proposals

Netuitive (now Virtana)
Reston, Va.

Feb 2004 – Dec 2009

User Interface Developer

Designed and developed user experience for a suite of enterprise monitoring/business service management (BSM) applications

Developed visualization tools for exploring network activity and performing root cause analysis

Enforced design and usability standards

Provided general marketing support

Hillcrest Labs
Rockville, Md.

Mar 2006 – Dec 2006

User Interface Software Engineer

Developed a library of reusable interface components for HomeTV, a pointer-based media navigation and playback system

Brivo Systems
Arlington, Va.

Apr 2000 – Feb 2004

User Interface Designer

Designed and developed user experience for Brivo ACS, the first web-based facility access control system

Created documentation and training materials

Provided general marketing support

Knight-Ridder/Tribune
Washington, D.C.

Nov 1997 – Apr 2000

Multimedia Designer

Designed and developed interactive web packages for distribution to news web sites

Page Designer

Designed broadsheet news pages for nationwide syndication

EDUCATION

University of Pennsylvania
Philadelphia, Pa.

1993-1997

Bachelor of Arts

Communications and Political Science (double major)