DANA DETRICK

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SUMMARY

Senior software engineer with over 10 years of experience guiding the design and implementation of web applications, platforms, and development tools. Effective at leading engineering teams in defining project and technical priorities. Able to recognize and address inefficiencies to maximize team performance. Proven ability to guide projects from concept to launch, and work with diverse stakeholders to drive results. Passionate about solving challenges and delivering solutions that contribute to technical innovation.

AREAS OF EXPERTISE

- **TOOLS** | React, Redux, RxJS, Webpack, Jest, Yarn, Google Cloud Platform, Google App Engine, Travis, Docker, JSP, Java, JavaScript, Mustache, Handlebars, HTML, CSS, SASS, Babel, Electron, Linux, Shell Scripting, Varnish

- **METHODOLOGIES** | Test Driven Development, Continuous Integration, Continuous Delivery, Agile Development, DevOps, Lean Product Design, Operationalizing Software Development

EXPERIENCE

Engineering Lead / Senior Software Engineer | COMPANY XYZ | New York, NY   2015 – Present

Technical team lead overseeing front-end engineering for the external site with over 35M users and associated support tools. Utilized technologies including React, Redux, RxJS, Webpack, Jest, Yarn, Google Cloud Platform, JSP, Java, JavaScript, Mustache, Handlebars, SASS, jQuery, Backbont, and Grunt. Core responsibilities:

- Appointed to lead the web platform team and oversee replatform efforts for the Greenfield rewrite of the corporate site using React, Redux, and NodeJS.
- Responsible for defining priorities and communicating goals to multiple internal teams.
- Conducted weekly sprint planning meetings and communicated updates to the leadership team.
- Interviewed candidates to gauge JavaScript and problem solving capabilities; mentored junior developers.
- Architected developer tools to enhance software deployment, localization, and performance testing.
- Facilitated communication with product teams to ensure toolset is complete and user friendly.
- Part of the development team tasked with creating and improving UI functionality and product features.

Senior Software Engineer | COMPANY ABC | Brooklyn, NY   2012 – 2015

- Developed fully internationalized mobile websites and applications for iOS, Android, and Windows Phone WebViews for a mobile advertising startup; optimized sites for low bandwidth and capability devices.
- Utilized JavaScript, SASS, RequireJS, NodeJS, JSF, RichFaces, and jQuery; advised on basic and advanced JavaScript usage (scoping, inheritance, closures, promises, polyfills).
- Built and maintained custom internal API with MVC style features (Backbone influenced).
- Supported development of the AdLeads desktop ad management website using JSF, RichFaces, and jQuery.

Front End Architect | CONFIDENTIAL | New York, NY   2009 – 2012

- Sole front end developer for a B2B advertising management platform; supported a back end team in developing user interfaces enabling manipulation of complex data structures used in management of digital ad campaigns.
- Introduced and implemented best practices to maximize code reuse, reliability, and minimize maintenance cost.

Software Engineer / Interface Designer | CONFIDENTIAL | New York, NY   2007 – 2009

- Consulted as a software engineer and UI designer for a text-based messaging platform for smart phones.
- Supervised a developer and graphic designer; set project goals, provided feedback, and oversaw progress.
- Managed integration of data, imagery, and code from a team of Java/CSS/HTML developers and designers.

EDUCATION

MS, Computer Science | COLUMBIA UNIVERSITY | New York, NY
BS, Systems Engineering (cum laude) | BOSTON UNIVERSITY | Boston, MA