Nick Lusk

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Versatile Developer | UI/UX Specialist | Software Engineer | Front-End Web Expert

Professional Summary

Experienced developer with expertise in UI/UX design, front-end web development, and software engineering. Proficient in a diverse set of languages, frameworks, and technologies, including JavaScript (ES6), React, HTML5, CSS3, jQuery, and more. Skilled at creating user-centric interfaces, ensuring usability, and delivering data visualization solutions. Experience includes roles as a Software Engineer, Senior UI Developer, and Web Developer, consistently demonstrating leadership, innovation, and a commitment to best practices. Ready to contribute expertise and a passion for excellence to a dynamic team or project.

Key Accomplishments

- Resolved data processing challenges for an energy company by identifying and rectifying corrupted data in multiple EPA feeds. Expertise in Azure Data Factory, along with proficiency in parsing JSON and XML feeds using R and JavaScript, contributed to the successful resolution.
- Led the digital half of a high-pressure project at CNN.com, driving the creation of an advanced template under tight deadlines. Provided comprehensive architectural guidance, project management, and hands-on coding expertise. Project was nominated for an Emmy award.
- Proactively initiated a disaster recovery plan before the impact of Hurricane Sandy, ensuring minimal downtime for the network security company's website. Recognition included nominations for Employee of the Month and Everyday Dell Hero awards for exemplary crisis management and proactive decision-making.
- Established and managed independent websites in Japanese and German for emerging offices, overseeing translation, proofreading, and complete site development despite limited language proficiency. Exceptional pattern recognition skills were demonstrated in cross-language project execution.
- Contracted by a prominent bank executive via Avanade to conceptualize, research, and develop a customized data dashboard prototype. The dashboard, intended for exclusive use by CFOs on dedicated office monitors, involved end-to-end responsibilities, including library selection, data manipulation, and visual design, culminating in a successful project.
- Completed the *Data Science Specialization* program through Coursera by John Hopkins University, enhancing data science competencies and knowledge.

Skills

Interpersonal: effective communication, leadership, teamwork, problem-solving, adaptability, time management, conflict resolution, diligence, customer-focused, empathy

Languages and Frameworks: JavaScript (ES6), React, HTML5, CSS3 (including Sass and LESS), jQuery, Bootstrap, HAML, BASH, Asynchronous Programming (AJAX), JSON, XML, XSLT, XPATH

Skills & Technologies: Front-End Web Design, Front-End Web Development, User-Interface (UI) Design, Usability, Data Visualization, RESTful API, Agile/Scrum, Docker, SQL, Version Control with SVN & Git

Software Applications & Suites:

- IDE: WebStorm, IntelliJ, Rstudio, Notepad++
- Agile: Azure DevOps, Jira, Teams, Team Foundation Server
- Analytics: Google Analytics, Adobe Analytics, Eloqua
- Operating Systems: Windows, UNIX, Linux, OS/X
- Additional: Postman, Terminal, GitHub Enterprise

Volunteerism

Team Drea Foundation – Raleigh, North Carolina   Mar 2019 – Present
- *Race Monitor:* Initially volunteered as a race monitor for Team Drea.
- *Film Festival Screen Support:* Assisted in organizing and facilitating screenings of the documentary about the foundation's founder in Winston-Salem and Durham.
- *Data Management:* Helping resolve issues with multiple data ingestion feeds from different platforms.
- *Email DNS:* Assisted in troubleshooting and fixing DNS issues preventing all incoming and outgoing emails from functioning.

Professional Experience

Avanade – Raleigh, North Carolina   Jun 2021 – Jan 2023
Software Engineer
- Led the scaffolding of a React application, providing comprehensive documentation for clarity.
- Managed an offshore team, conducting daily standups and demonstrating strong communication and leadership.
- Created custom data dashboards for CFOs using Plotly, including hand-coding elements, design work, and documentation.
- Collaborated on Tableau chart development, enhancing data visualization capabilities.
- Played a vital role in QA, resolving coding standards issues, bugs, and performance challenges.

Omnicell, Inc. (formerly ATEB, Inc.) – Raleigh, North Carolina   Jul 2017 – Mar 2019
Software Engineer III
- Contributed to web-based software development with Ruby and HAML, emphasizing front-end functionality and aesthetics.
- Optimized JavaScript by combining and minifying files during the build process, improving site performance.
- Demonstrated a commitment to best practices by establishing linting processes for both JavaScript (ESLint) and CSS (Stylelint) and resolving all issues.
- Innovated by proposing and creating the first-ever style guide, ensuring consistent usage of fonts, colors, and visual elements.
- Actively participated in team and company-wide initiatives, including hackathons, software architecture documentation, and IDE settings repository creation.

Cox Automotive, Inc. – Dunwoody, Georgia   Jul 2015 – Mar 2017
Senior User Interface Developer
- Assisted in engineering the original KBB/Autotrader Instant Cash Offer web application using technologies such as JSF, JavaScript, jQuery, CSS3, and HTML5.
- Played a key role in the complete rebuild of the Instant Cash Offer application, utilizing modern technologies including ReactJS, ES6, AJAX, Redux, Bootstrap, and SASS.
- Constructed application navigation and managed browser history using React Router, ensuring a seamless user experience.
- Designed and built components for user data input, viewing, and editing, enhancing data interaction and user interactivity.
- Successfully communicated with APIs through various protocols (GET, POST, PATCH) and handled error responses using error handling and try/catch blocks.

Dell SecureWorks – Atlanta, Georgia   Jul 2012 – May 2015
Web Developer
- Achieved a 50% reduction in average site load time through extensive optimizations, enhancing user experience and site performance.
- Conducted light graphic design work to fill design gaps in the absence of a dedicated designer.

- Administered and updated template architecture using JSP, ensuring website stability and consistency.
- Nominated for Employee of the Month and recognized as an Everyday Hero by Dell Services in November 2012, reflecting dedication and exceptional contributions.
- Coordinated the design and deployment of a development environment for the production website, streamlining the development process and fostering best practices.
- Developed and optimized forms and SEM (Search Engine Marketing) landing pages for the Eloqua marketing platform, improving lead generation and user engagement.

Professional Experience (continued…)

CNN.com – Atlanta, Georgia   Mar 2006 – Jul 2012
  Webmaster / Web Editor
- Assisted in the creation and maintenance of WordPress VIP blogs using PHP.
- Collaborated in developing static HTML, CSS, and JavaScript files, contributing to the website's front-end development.
- Worked closely with editorial teams to ensure timely content updates and maintenance, showcasing effective communication and teamwork skills.
- Achieved an Emmy nomination for outstanding work on "Mauritania: Slavery's Last Stronghold," highlighting excellence in design and technical contributions.
- Customized tweet functionality on blogs using the Twitter API, enhancing user engagement and interactivity.
- Provided troubleshooting and resolution of technical issues for editorial staff, spotlighting problem-solving abilities and technical proficiency.

Education & Training

Completed the *Data Science Specialization* through Coursera, created by Johns Hopkins University
https://www.coursera.org/specializations/jhu-data-science

Bachelor of Arts, Telecommunications, Minor: Drama
University of Georgia