

Christian Knoll

Front-End Developer / UI Engineer

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I'm excited by the ever-changing technical landscape of the Internet and passionate about creating positive user experiences in this fast-paced industry. I specialize in clean, minimalistic design and equally clean semantic, DRY and maintainable code. My years of experience have allowed me to cultivate strong skills in both design and development so I can fill as many roles as possible.

Professional Skills

- 10+ years experience in User Interface Design, User Experience and Visual Design
- 5 years experience in Web Development
- Strong experience with the AngularJS Javascript Framework
- 2 years experience with PHP development on Laravel 5 MVC framework
- Extensive work with HTML, Javascript, jQuery, CSS3, LESS precompiler, Bootstrap framework
- Full lifecycle experience with RESTful JSON, Ajax, Heroku Cloud Hosting, Postman Ajax tools, Git versioning, Linux CLI, debugging in Chrome Developer Tools, testing AngularJS apps with SinonJS
- Agile experience including Jira tools: BitBucket, SourceTree (Git), Confluence, Fisheye/Crucible, etc
- Actively migrating toward ReactJS, NodeJS, and FireBase (with AngularFire)
- Adobe certified Digital Designer
- Strong background in Photoshop, Illustrator, and the Adobe Creative Suite
- Standards compliant, semantic development skills including HTML5 and CSS3 technologies
- Creates web applications from the ground up - design, wireframing, UI and final application development including UX, user testing, accessibility and SEO considerations
- Cross-Browser compatibility experience including Progressive Enhancement
- Contributes creative problem solving and enjoys collaboration
- Skilled at communication cross-department between management, creatives, and developers
- Self-starter able to visualize objectives, balance multiple projects, and meet strict deadlines autonomously
- Constantly improving in the direction the company is taking
- Lifetime Learner – I'm passionate about creating web experiences and I enjoy researching and learning new skills and technologies in my spare time (once the kids are asleep)

Select Professional Experience:

Front-End Developer

StackPath

July to October 2017 (3 Months)

- Updated legacy code in AngularJS according to new direction after company consolidation
- Solved code inconsistency issues and fixed functionality for their CDN web portal
- Javascript Unit Testing using a very customized workflow involving Mocha, Chai and SinonJS
- Some End-to-End testing (E2E Testing) using Protractor
- Completed web portal functionality and UI update, testing, and launch preparation
- Team downsized after portal launch

Web Application Developer

Benu Networks

June 2014 to May 2017 (3 years)

- Coordinated with customer Telenet (Belgian telecom company) to personally design and develop user portals under very tight time frame and exceeded management expectations to deliver initial deliverable weeks early on all goals
- Researched and implemented key user experience (UX) considerations which led to significant contract extensions for new work based on exceptional feedback from customer
- Introduced AngularJS to our development process to manage RESTful APIs from customer, shorten development time, and enhance overall user experience

- Integrated 3rd party libraries such as DataTables and FusionCharts to enhance user experience and quickly present new features to the customer
- Rapidly solved tickets raised by Telenet, Comcast and other business tool customers
- Interviewed, trained and supported new hires, and regularly mentor coworkers
- Led the development of new features such as UI theme editors, captive portal promotion creation interface with preview, logo uploading and linked video previews, dynamic charts, drag-and-drop mobile device grouping, theme switching with custom color-picker interfaces, bandwidth step sliders, and CMS-style real-time in-line text editing
- Strong goal-driven developer and customer-oriented problem-solver. Even worked on-site for one year and off-site for two years to successfully complete customer requirements.
- Enabled multi-lingual translation for customer-facing web interfaces in English, French, and Dutch, which provided access to new markets for the customer

Front-End Developer

AssistRx

August 2013 to June 2014 (4 years total between the two positions)

Transitioned to Front-End Developer. Created and managed ePrescribing portals and workflows. Used AJAX, JSON and jQuery for request data and process responses. Engineered custom Javascript behaviors and functionality, integrated 3rd party software and plugins.

Lead UI Designer

AssistRx

July 2011 to August 2013

Led the UI team of 3 designers to scope, storyboard, design and assist in development of web portal applications that assist patients with chronic illnesses to interface with doctors and track their therapy. Coordinated with pharmaceutical company customers to design new applications and assist creation of new functionality. I was also responsible for the first visual design and UI of iAssist, their flagship ePrescribing product.

Lead Graphic Designer

OrganicBouquet.com

Jun 2009 - Jun 2011

Designed, maintained and updated www.OrganicBouquet.com, and also handled the design and deployment of weekly email campaigns. Collaborated directly with the CEO and VP of Sales to create marketing initiatives including web and magazine advertisements, tradeshow booth design, and other materials.

Visual Experience Designer

Riptide Software Contractor On-Site at Marriott Vacation Club and Ritz Carlton

November 2006 – April 2009

Developed and maintained areas of Marriot Vacation Club's website, and personally designed Ritz-Carlton San Francisco's property site, my first web design with major visibility. Created marketing materials including PDF advertisements and banner ads.

Visual Experience Designer

Starwood Vacation Ownership

May 2006 – September 2006

Web design, UI and marketing materials for Starwood, Westin and Sheraton Resorts. Development included Flash ActionScript 2.0 and 3.0, my first experience with web programming.

Education and Certifications:

Graphic Design - Florida Atlantic University - Boca Raton, Florida

Adobe Certified Designer