

# Cheryl Fernandes

UI/UX Developer and Designer

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## Skill-Set:

React, React-Native, Babel, Webpack, HTML 4/5, CSS2/3, SASS/LESS, Lodash, Ex-Navigation, JQuery1.5-2.0 (migrating from older versions of JQuery), Angular.js1.3, Node.js

Adobe CS6 Suite, Dreamweaver, Adobe LiveCycle, Balsamiq 2.1.13, LucidCharts, Sketch,

Java8, JSP, PHP, Python, LAMP, XML, JSON, WSDL, WADL, REST, ASP.NET

Jest, Mocha, Chai, Sinon, Enzyme, JUnit4, Selenium, Internationalization (i18n), Maven, Ant, NetBeans 8.0.2, IntelliJ, GitHub, SVN, CentOS7, Boomi

High-fidelity prototyping, Storyboarding, Responsive Design, Data Visualization,

W3C Standards, Accessibility Testing (Section 508, ADA Compliance), Content Organization,

User Testing, Data Visualization, MVC, OWASP Standards for security, SEO-best practices,

Research surveys, Creating personas, Workflow, wireframes, prototypes, visual design, Nielsen's Principle

## Work Experience:

### UI Developer, Kenandy, Inc. (Nov 2015- Present)

UI Design and Development

1. Created mockups and user flows using Balsamiq, LucidChart, InVision, Photoshop and Sketch
  2. Created testable modular components using React, React-Native, Redux, Jest, Mocha, Chai, Sinon and Enzyme.
  3. Complying with Salesforce Lightning to upgrade our existing UI
  4. Maintained older code using Kendo (jQuery-based library)
- React, React-Native, Lightning (SLDS), ES5/6/7, Webpack, Babel, HTML5, CSS2/3, SASS3.4.15, JQuery(1.5-2.0)
  - Jest, Mocha, Chai, Sinon, Enzyme.
  - Balsamiq, LucidChart, InVision, Trello, GitHub, IntelliJ, Lodash, Ex-navigation

In this position, I worked on maintaining an older jQuery-based code while working on migrating to a React-based code. We also worked on a scanner application using react-native. I work with 5 teams and help our core team to design code that could be used across. I am the go-to gal for a front-end issue (design, development, and cross-browser) and constantly communicate with different teams to understand future needs. I also constantly refactor code to reduce it, make it modular, testable using component-based design and HOC concepts to do so.

### Software Engineer, StrongAuth, Inc. (April 2013 - Nov 2015)

UI Design and Development

1. Creating mock-ups and user-flows for new products using Balsamiq, PhotoShop and LucidCharts.
  2. Creating production-level code for interactive UIs using HTML5, CSS, and JQuery 1.5-2.0.
  3. Creating server code with REST APIs tested with JUnit4 and Selenium.
- HTML5, CSS2/3, SASS3.4.15, JavaScript, AJAX, JQuery(1.5-2.0), Chrome Extensions
  - JDK8, Swing, Applets, Servlet 3.0, Vaadin, Struts2
  - LAMP, Glassfish4, CentOS6, Windows7 Professional, Google App Engine 1.9.11
  - Selenium, OWASP Standards, W3C, Section 508 Compatible, JUnit4
  - Adobe CS6 - Photoshop, Illustrator, InDesign, Acrobat
  - Balsamiq, LucidChart, SiteMaps, Joomla

In this position, I worked on creating secure customer facing applications that consume SOAP and REST web-services. I worked on creating design and code from scratch and adding enhancements to existing code like, better validation, consistent look and feel, backward compatibility upto IE9, FF15, using CSS to replace images with inbuilt features like,

background gradients and borders, utilizing HTML5 tags and features like location detection. I also re-factored code and tried to remove repetitive code using inheritance and object-oriented concepts. I redid the product website to be SEO-optimized and modern and increased search-engine ranking by 70%. I worked on documentation explain how users can modify existing code to integrate the company's technology.

#### **UI Designer, PowerCloud Systems, Inc. (September 2012—April 2013)**

1. Maintained and created product websites using Python, HTML5, CSS and JQuery 1.8.
  2. Created UI graphics, logos, CSS sprites and marketing materials.
  3. High-fidelity prototype presentations on different UIs
- Graphics Design, Vector icons and logos.
  - HTML, CSS, JQuery, Python, responsive design

In this position I was part of the marketing and design team and was asked to create graphics and media-kits for products. I also helped re-develop and maintain the existing website.

#### **UI Developer, Gaea Global Technologies (January 2013—March 2013)**

1. Created a CSS template for WordPress with some JQuery for animation.
2. Used CSS2/3 animations and effects like shadow and gradient
3. Created a responsive layout using SASS.

#### **IT Technical Associate, University of Illinois at Chicago (Feb 2009—August 2012)**

1. Created online-trainings for 3 campuses of the University of Illinois using BlackBoard and SoftChalk
  2. Created reports for EEO data by writing SQL queries to mine data and then present it in yearly format.
  3. Created and maintained various department websites using HTML5, CSS3, JQuery ensuring W3C and Section 508 conformance.
- Form Widgets, MVC, MS MySQL, VB 2007, XML, JSON, Section 508
  - Visual Analytics, Form optimization, Content structuring, product design

I started out in this position as a graduate assistant and continued to be an IT technical associate. The department dealt with EEO and so I had to maintain their existing database and create reports for committees to review. I added enhancements to their existing VB application like, better validation, smoother UX while generating weekly reports, adding a date selection macro. I also helped the department create an online training for the 3 campuses of U of I. I modified SoftChalk to add pop-ups to inform users of their training status. I help create a visual report showing how many departments took the training. I was also in charge of registering users and support and maintenance. I also worked with other departments to create small websites.

#### **Web Developer, Flexi Resources, India (July 2006—August 2007)**

1. Created CSS templates for cross-browser compatibility, W3C conformance for a PHP-based CMS.
  2. Helped the development team by creating small PHP functions for CRUD operations, and parsing data from the database.
  3. Helped create an internal CRM to keep track of projects and tasks using HTML5, CSS, JQuery and PHP5.
- Cross-browser, LAMP, Shopping Cart, Google Maps
  - W3C Compliance, Training, DHTML

This was my first position. My company used an in-house CMS to create websites and I created CSS-templates to materialize the final mock-up approved by clients. I was also asked to write PHP functions for database access and debug JavaScript functions if they were used to update the CSS.

**Academic Work:**

Human-Computer Interaction, Data Mining, Data Visualization, Prototype interfaces for an Events Calendar on small-screen devices, Ontology Matching

**Other Experience:**

Won 3rd place and a \$1000 cash prize at the San Francisco Fashion Week Hackathon.

Won best design for an app to help women share photos online hosted by Women who code

Volunteered at Techtonica to help girls write HTML5 and CSS code.

Voted Webmaster for the Indian Graduate Student Associate

Office Aide and IT Tech Support for UIC

Design Intern, Fashionscopes LLC.

Design and SEO Intern, SparkPointPR Inc.

Web Development course to create a CRUD application using ROR

**Industries worked in:**

Enterprise Resource Planning, Web application development, Online Marketing, Education, Access & Equity, Insurance, Cloud-Management, Fashion, and Software Security

**Education:**

2006, Bachelors in Engineering, Computer Science, VTU, India

2011, Masters in Computer Science, HCI, University of Illinois, Chicago