Alexander Curtis

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PROFESSIONAL SKILLS

Content Management Systems (CMS)

- SharePoint
- Simpleview
- Mezzanine
- WordPress
- DotNetNuke
- Umbraco
- Craft CMS
- SDL Tridion

Code Editors & IDEs:

- Visual Studio
- Visual Studio Code
- Sublime Text
- Eclipse IDE

Front End/UI Developer Specific Skills:

- HTML5
- CSS3
- JavaScript
- JQuery
- JSON
- AJAX
- MongoDB
- Express.js
- React.js
- Node.js
- CSS PreProcessors (Sass,
- Tailwind
- Goatee
- Handlebars
- API Integration
- GraphQL

- Cross-browser Compatibility
- Performance Optimization
- Accesibility (WCAG/ADA/ARIA)
- Front End Frameworks (React, Angular, Vue)
- Package Managers (npm or Yarn)
- Module Bundlers (Webpack)
- Version Control Systems (Git,Github, GitLab, Bitbucket)
- Issue Tracking (ADO, Jira)
- Unit Testing / Debugging (Jest)
- Progressive Web Apps (PWAs)
- Build and Deployment Tools (Jenkins, GitLab CI/CD)
- Responsive Design

- Media Queries
- Bootstrap
- Foundation
- Flexbox
- CSS Grid)

Analytics and Optimization Tools:

- SEO Best Practicies
- Google Analytics
- Google Tag Manager
- Googl e Page Speed
- Crazy Egg
- Hotjar
- Multivariate (A/B) Testing

PROFESSIONAL EXPERIENCE 2001 - 2023

NRG ENERGY, Houston, TX, *Senior Front End Web Developer* **(July 2020-Present)**
Lead the development of front-end enhancements for Multibrand Team websites using a tech stack that includes Azure/ADO, Java, Spring, JSP, JSTL, HTML5, CSS3, JavaScript (including JSON and XML manipulation), and SDL integration. Participate in project refinement meetings to understand business requirements and give points/estimates for work. Collaborated with cross-functional teams to ensure seamless implementation of Adobe Analytics for data-driven decision-making.

Utilized Agile Methodology to drive iterative development cycles, facilitating rapid feature delivery and responsiveness to changing requirements. Used CI/CD pipelines using Jenkins, ensuring efficient code deployment. Managed version control with Git and ensured smooth deployment.

NRG ENERGY Projects:
Stream Energy Online Enrollment (OE)/Online Account Management (OAM), Green Mountain Energy OE/OAM, Xoom Energy OE/OAM:
Tech Stack: MVC, Apache Tomcat, Maven, Java, Spring Boot, JSP/JSTL, SDL DXA, AJAX, jQuery, CSS, Git. MVC architecture, Apache Tomcat for hosting, Maven for built automation/project lifecycle/dependency management/project management, and Spring Boot for RESTful APIs. Enhanced user experience with CSS styling and managed version control with Git. Coordinated iterative development via Azure DevOps and automated CI/CD with Jenkins/Blue Ocean.

HOUSTON FIRST, Houston, TX, *Web Developer* **(February 2015-July 2020)**
Develop and upkeep 12 sites using HTML5, CSS3, JavaScript, JQuery, Zurb Foundation, Google Analytics, CrazyEgg, Hotjar and Simpleview CMS, Simpleview CRM, ExactTarget, MailChimp, Sharepoint, DotNetNuke, Wordpress and Drupal..

HOUSTON CHRONICLE, Houston, TX, *Web Designer/Creative Coordinator* **(Aug 2008-January 2015)**
Develop landing pages and marketing materials for clients with HTML, CSS, Flash, AS 2/3 and the Adobe Creative Suite

CONTRACT / CONSULTANT, Houston, TX   **Jun 2004-present**

AMERICAN COLLEGE CONSORTIUM @ AMAZON/HOU2 CAMPUS, Houston, TX, *Front-End Web Development Instructor* **(June 2019-October 2019)**
- Taught Front-End Web Development curriculum to 60+ students at Amazon's HOU2 campus

COMMUNITY HEALTH CHOICE, Houston, TX, *Sharepoint Consultant* **(November 2017- November 2018)**
- Design and develop web presence for internal and external facing sites (Sharepoint / Umbraco CMS)

KIPP, Houston, TX, *Senior Web Developer* **(January 2014-January 2015)**
- Developed template for Blackboard using Bootstrap Framework and HTML5/CSS3/JS

RICE UNIVERSITY, Houston, TX, *Flash Developer* **(Jun 2008)**
- Worked with CTTL department to create educational web games using Adobe Flash.

CITY OF HOUSTON, Houston, TX, *Web Designer/Graphic Artist* **(Jan 2006-Apr 2006; Nov 2007-April 2008)**
- Convert print to HTML, JS & CSS (Combined Municipal Campaigns, BRAVO Award and Public Service Recognition Week)

CHEVRON INC, Houston, TX, *Web Developer* **(Sep 2006-May 2007)**
- Build Intranet sites using HTML/CSS/JS for *Chevron*'s CBRES GIDC department (Angola LNG, & CBRES)

UNIVERSAL WEATHER & AVIATION, Houston, TX, *Web Developer* **(Jul 2006-Sep 2006)**
- Develop intranet web sites and designed email campaign using HTML/CSS/JS

BRITISH PETROLEUM, Houston, TX, *Web Designer (SharePoint)* **(Jun 2006)**
- Designed and developed intranet website for Marine Exploration department in Sharepoint.

HOUSTON INDEPENDENT SCHOOL DISTRICT, Houston, TX   Sep 2001-May 2003
Technology Intern / Web Designer
- Selected by *HISD* to develop web sites/systems under paid internship through Technology Co-Op program at *Westbury Senior High School;* developed into a full-time position while attending *University of Houston*.
- Created graphics for various offline & online publications using Adobe Photoshop/Illustrator & Fireworks.
- Migrated applications from FrontPage 98 to Dreamweaver; from Dreamweaver to Vignette Content Management System.
- Collaborated with multiple outside departments to define requirements and ensure proper website "feel."

OTHER EXPERIENCE

REVELATION INTERACTIVE, LLC, Houston, TX   2001-*Present*
PAST: General Artist / 3D Modeling / Rigging (Independent)
Front End Developer July 2020-Present
- Develop and lead a ReactJS-based Progressive Web App (PWA) with Node.js, Google Maps, GitLab, and AWS Amplify for a Revelation Interactive client.
- Collaborate with designers to create user-friendly interfaces.
- Architect and maintain scalable front-end code.
- Optimize performance and ensure cross-browser compatibility.
- Integration and consumption of RESTful APIs
- Conduct testing, debugging, and code reviews.
- Create technical documentation and work in Agile teams.