

MICHAEL ROY

WEB DEVELOPER

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A passion for technology, concise code, clean designs and building modern user-friendly websites and applications.

MISSION

Collaborate with a skilled team to develop state of the art products and provide a high quality user experience for clients. Continue to challenge myself by increasing skill and knowledge in an ever-changing technology field.

EXPERTISE

Front-End & Mobile Web Development
UI/UX & Responsive Design
JavaScript Application Programming

TECHNOLOGY

Languages HTML, CSS, JavaScript, PHP, SQL

Methods Agile, Progressive Enhancement, Mobile First, SEO, Prototyping, Wireframing

Tooling jQuery, Bootstrap, AJAX, APIs, JSONP, SASS, React, npm, Webpack, MySQL, Wordpress, Git, cPanel, Command Line, Atom, Sublime, Adobe Creative

Systems iOS, Windows, Linux, Unix

SKILLS

FRONT-END

- Build responsive layouts from creative designs using HTML, CSS and Bootstrap
- Mobile specific design strategies with media queries and jQuery mobile functionality
- Build web applications with AJAX requests, APIs and authentication
- Make cross-domain requests with JSONP, parse data into objects
- Utilize agile and progressive enhancement strategies for content integration

JAVASCRIPT

- Produce interactivity using DOM events, animations and node tree navigation
- Use constructors to build object prototypes and loops to iterate through arrays
- Keep variables secure and efficient using function parameters and closures
- Validate user input and process with operators, conditionals, regular expressions
- Write clean effective code using best practices, error handling and debugging

EXPERIENCE

FREELANCE / CONTRACT Web Developer 1999 – Present

Website design and development for a variety of local groups and small businesses

- Hosting and server configuration of subdomains, accounts and required software
- Configuration and development of Wordpress based websites using themes and plugins
- Build online presence with SEO, social media, Google+ and services applicable to client
- Provide consultations, project estimates and invoices for current and prospective clients
- Work with clients to develop content and visual aesthetic to best represent their identity

TIDAL EXPEDITIONS Guide 2011 – Present

Saltwater fishing guide service specializing in advanced shallow water tactics

- Develop and maintain website, hosting, SEO, branding, social media
- Communicate with clients to build trip packages that balance their needs
- Adapt to environmental and situational changes while guiding clients
- Manage scheduling and payments

EDUCATION

THINKFUL 2016

Furthered skills with Thinkful's Front-End Development course and mentor program. Topics covered included HTML5, CSS3, JavaScript, jQuery, AJAX, APIs, authentication, XML / JSON / JSONP, Git, current development tools, debugging, code optimization, wireframing.

NEW ENGLAND INSTITUTE OF ART (B.S.) 2003 - 2007

Received Bachelor of Science degree in Audio and Media Technology for multimedia studies with a concentration in audio. Studies included building profile websites, sound for media, audio engineering, acoustics / physics, electronics.

ROCHESTER INSTITUTE OF TECHNOLOGY 2000 – 2002

Six trimesters of study in the New Media and Web Design program. Areas of study included development and design fundamentals, VB, Director, HTML, CSS, JavaScript.

ABOUT

Web developer, builder and outdoor enthusiast who is passionate about turning ideas into reality. On days off I can be found in the mountains or on the water; backcountry skiing, rock climbing and saltwater fishing. I strive to live a healthy and productive lifestyle while pushing to achieve new levels.