

MICHAEL ROY

FRONT END ENGINEER

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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.

TECHNOLOGY

Languages HTML, CSS, JavaScript, ES6, PHP, SQL

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

Tooling Bootstrap, jQuery, npm, Webpack, Babel, Git, Atom, Adobe CS

Systems iOS, Windows, Linux, Unix

SKILLS

- 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

EXPERIENCE

FREELANCE / CONTRACT Web Developer 1999 – Present

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

- Build modern websites using HTML, CSS, JavaScript and Wordpress
- Improve online presence with SEO, Google Analytics and social media
- Work with clients to design visual aesthetic that best represents their identity

TIDAL EXPEDITIONS Guide 2011 – Present

Saltwater fishing guide service specializing in advanced shallow water tactics

- Develop and maintain website and online presence
- Communicate with clients to build trip packages that balance their needs
- Adapt to environmental and situational changes while guiding clients

EDUCATION

THINKFUL 2016

Furthered skills with Thinkful's Front-End Development course and mentor program.

Topics included HTML5, CSS3, JavaScript, jQuery, AJAX, APIs, authentication, JSONP, Git, Chrome Dev 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.