

# BENTON WESTERGAARD

## Full Stack Software and Web Developer

### CONTACT

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### EDUCATION

Certificate, Full Stack Software Engineering  
**Flatiron School**  
May, 2021  
Denver, Colorado

BA, Integrative Physiology  
**University of Colorado**  
May, 2006  
Boulder, Colorado

### TECHNICAL SKILLS & LANGUAGES

Accessibility, Agile Methodology, Bootstrap, CSS, Docker, ECMAScript, ES6, Git/GitHub, Grunt, Gulp, HTML5, JavaScript, jQuery, JWT Encryption, Liquid, MongoDB, MySQL, Node.js, OAuth2.0, PHP, PostgreSQL, Postman, Python, React, React Native, Redux, RESTful APIs, Ruby on Rails, SaaS, Sass, SCSS, SharePoint, Shopify, SQLite, Tailwind, TypeScript, Vue.js, Webpack, WordPress, Yarn

### WORK EXPERIENCE

**Junior Web Developer**, Black Dog Digital Agency

October, 2021 - April, 2023 / Denver, Colorado

- Converted project wireframes and UI/UX designs into pixel-perfect, responsive, mobile-first web applications using modern development frameworks and tools, content management systems, and tiered SaaS customer options.
- Languages, concepts, and frameworks utilized included Bootstrap, CSS3, Grunt, Gulp, Heroku, HTML5, JavaScript (jQuery, React.js), MySQL, Node.js, PHP, PostgreSQL, Python, RESTful APIs, Ruby on Rails, TypeScript, Vue.js, Webpack, WordPress, and others.
- Updated websites and apps to ensure WCAG accessibility standards. Used SiteShare for usability and accessibility auditing.
- Integrated SEO and Web Analytics scripts, WebSocket APIs, WordPress plugins, cloud deployment (Google & AWS), containers (Docker) and interpreted insights from Google Analytics and Amplitude.
- Utilized Git / GitHub for version control, actively participating in code reviews and debugging meetings to enhance code quality and project outcomes.
- Collaborated in an Agile environment with technical and non-technical stakeholders, providing feedback for product improvement and developed standardized project initialization scripts and tracking tools.

**Project Manager**, University of Colorado School of Pharmacy

August, 2010 - October, 2020 / Aurora, Colorado

- Managed and accredited online, multidisciplinary continuing education platform, ensuring compliance with Accreditation Council for Pharmacy Education (ACPE) standards.
- Orchestrated the seamless integration of online payment processing and credit issuance services into the platform while overseeing classroom and student portal platforms (SharePoint, Google Classroom).
- Implemented standardized processes to ensure compliance with accreditation standards throughout all activity development stages, providing valuable guidance and feedback for speakers and stakeholders.
- Authored comprehensive ACPE reaccreditation reports, resulting in successful reaccreditation with commendation in 2012 and 2018.
- Demonstrated proficiency in accounting, committee leadership, event management, grant funding, database structuring, supervision, and mentoring.

## GENERAL SKILLS & EXPERIENCE

Accounting, Accreditation, Anatomy/Physiology, Committee Management, Continuing Education, FDA Regulated Environment Research, Event Management, Healthcare, Higher Education, HIPAA Compliance, Leadership, Management, Market Research, Procurement, Public Health, Salesforce, Slack, Statistics

### *(continued, Project Manager, University of Colorado)*

- Led the expansion of the continuing pharmacy education office, increasing activity volume five-fold and office revenue ten-fold.
- Streamlined speaker management process by automating document submission and integrating with online platform database.
- Implemented streamlined workflow for converting live activity recordings into online, home-study educational modules while ensuring compliance with ACPE standards for self-paced activities.
- Analyzed program data to elucidate insights and trends in participation, interaction, in applicability.
- Managed database storage to meet ACPE and University of Colorado requirements, ensuring data integrity and logical organization.

### **Research Assistant, Denver Health & Hospital Authority**

January, 2007 - October, 2009 / Denver, Colorado

- Contributed to patient interventions and outreach projects, expanding test results availability and connecting patients to provider services.
- Designed, implemented, and analyzed test results via a text-message program, ensuring full compliance with HIPAA regulations and seamless integration with electronic medical records software.
- Produced and managed podcast series for public health providers.
- Managed an online content portal disseminating academic research, facilitating event registration, and providing a profile messaging system.

## CODE EXAMPLES

### **OAuth Ski Collection**

- Full stack web app for users to login or create a profile, then read/update/delete skis in their profile collection (full CRUD).
- Backend code uses JWT encryption, OAuth, Ruby on Rails, SQL.
- Frontend code includes CSS, HTML, JavaScript, and React.

### **Golf Score**

- Full-stack, full CRUD web app allowing users to list, create, edit and delete golf scorecards.
- Extensive use of React hooks, lifecycle methods, Ruby on Rails, SQL, JavaScript, CSS, and HTML.

### **Responsive React Website**

- Web app demonstrating proficiency in coding modern, responsive website to match design specs using React, HTML, CSS, asset management, Node.

***Additional code examples, publications, and references available***