Full Stack Web Development

Full Stack Web Development / Course Intro

About The Instructor

Brad Traversy

- ✓ **12+** years as a web developer

- ✓ **4+** years creating and teaching courses

- ✓ Specialize in JavaScript technologies and PHP server-side development

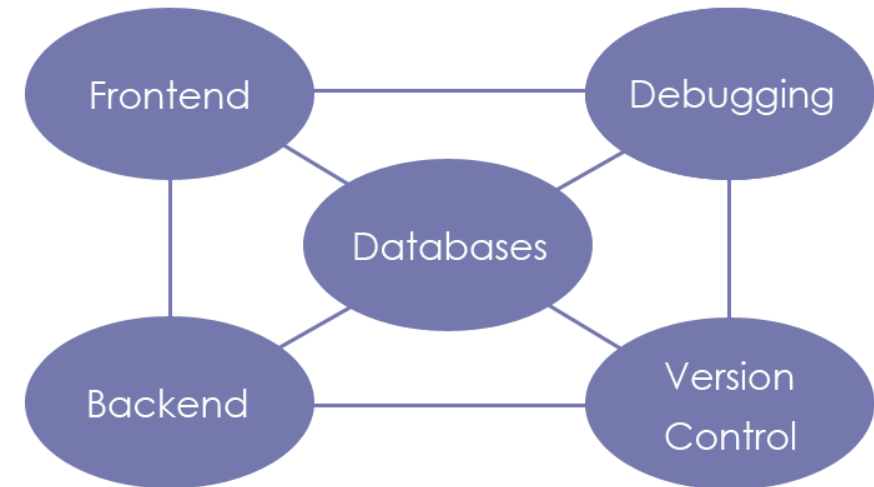- ✓ Dozens of courses at **Eduonix.com**

Course Description

This course includes over 20 different technologies within 5 categories. There are 40+ projects, mini-projects and code samples. By the end of this course you should consider yourself a **Full Stack Developer**

5 Areas – Frontend, Backend, Databases,

           Essential Technologies, Debugging & Tools

Each area has **4 – 6 sections**

Each section has **4 – 12 Lectures**

Each Lecture has **1 – 6 videos** with source code

Frontend Technologies

✓ **HTML** – All the basics: tags, attributes, lists, forms, etc

✓ **HTML5** – Video/audio, Canvas, Web Storage, Geolocation

✓ **CSS3** – Positioning, gradients, transitions, pseudo classes

✓ **Twitter Bootstrap** – Navbar, jumbotron, alerts, grids

✓ **JavaScript –** Arrays, objects, form validation, ajax

✓ **jQuery** – Selectors, DOM manipulation, events, image slider

Backend Technologies

- ✓ **Node.js** – NPM, Express, template engines, authentication

- ✓ **Meteor.js** – Templates, collections, subscriptions

- ✓ **Angular** – Components, routing, observables, events

- ✓ **PHP** – OOP, MySQL, superglobals, sessions

- ✓ **Ruby On Rails** – Controllers, models, views, routing

Databases

✓ **MySQL** – Tables, queries, joining, PHP integration

✓ **PostgreSQL** – psql client, PGAdmin4, PHP Integration

✓ **MongoDB** – Collections, queries, documents, Mongoose

✓ **CouchDB** – Fauxton, design docs, views, replication

Other Essential Technologies

- ✓ **Memcached** – Telnet commands, libmemcached-tools

- ✓ **Redis** – Caching, data persistence, data types

- ✓ **Markdown** – Headings, lists, text formatting

- ✓ **Sass** – Variables, mixins, extending, partials

Version Control & Debug

✓ **GIT** – Version control, repositories, Github

✓ **Grunt** – Tasks, concatenation, watch mode

✓ **Gulp** – Minify code, webserver, JSHint

✓ **Chrome Developer Tools** – Debugging, console, inspection

✓ **PHP Debugging & Errors** – Error types, debug functions, config

Project Examples

- ✓ Simple HTML Template
- ✓ Bootstrap Theme
- ✓ jQuery Slider
- ✓ Ajax Github Profile Finder
- ✓ PHP Job Board
- ✓ CSS3 Dropdown menu
- ✓ Ruby On Rails Blog
- ✓ PHP / PostgreSQL Blog
- ✓ RESTful JSON API
- ✓ CD Collection Database

- ✓ HTML5 Audio Player
- ✓ Angular 2 Website
- ✓ PHP Bookmarker
- ✓ Sass Template
- ✓ Node.js/Redis Todo List
- ✓ Page Cache w/Memcached
- ✓ Node.js / Passport Authentication System
- ✓ PHP MySQL Messaging App
- ✓ HTML5 Note App Using LocalStorage

Thank You