Web Developer

About my job:
I design and create websites. I am responsible for how the site looks and its technical aspects, such as performance and capacity, and measuring speed and traffic. I also can create content for the site, or upload content that others have developed.

What I do every day:

• Design, create and maintain websites, by using authoring or scripting languages, management tools, content creation tools and digital media
• Manage website updates or direct others to do so
• Write, design or edit the Web content
• Coordinate with others to develop priorities, identify content criteria or resolve problems
• Identify problems and correct them as needed
• Evaluate code, ensuring that it is properly structured, meets industry standards and works with browsers, devices or operating systems
• Stay informed about current Web technologies and programming practices through continuing education, participation in professional conferences and associations
• Develop and ensure compliance with corporate security guidelines

What makes my job great?

Job growth:
Employment of Web developers is projected to grow faster than the average for all other occupations - from 20 percent in 2012 to 2022.

Short-term training:
Typically, Web developers need an associate degree in Web design or a similar field. Web developers need to be experienced in both programming and graphic design. A Web developer’s education could range from a high school diploma to a bachelor’s degree.

Good pay:
The median salary is about $59,100/year. (That means that 50 percent earn less than this number, and the other 50 percent earn more.)

Benefits:
Most Web developer’s work full time with benefits that may include:

• Healthcare
• Paid vacation
• Tuition assistance
• Flexible hours and/or work locations
How can you become a web developer?

**Academic/training credentials:**
A majority of Web developers have an associate degree or a postsecondary certificate. Having a degree or certificate increases employment opportunities.

**Other credentials:**
- Sun certified Web component developer (SCWCD) credential
- Microsoft Certified Professional developer (MCPD) Certification
- CIW Web development professional
- Oracle certified professional Java SE programmer
- Microsoft’s MCTS: Web application development

**Work experience/internships:**
Internships provide excellent experience and may even lead to employment.

**Skills and requirements:**
- Thorough computer programming experience
- Experience in all types of graphic design
- Experience with hardware needs and software platforms
- Strong verbal and written communication skills
- Strong knowledge of database structure
- Experience with current Web design trends

**Where you can find jobs:**
- Online job boards
- Career fairs
- Department of Career Services at colleges
- Networking with family, friends and teachers
- Company websites
- Social Media
- Computer user groups

**Potential local employers:**
- the Cleveland Clinic
- CyberCoders
- Eaton Corporation
- General Electric
- Key Bank
- Parker-Hannifin
- Progressive Insurance
- Sherwin-Williams

**Potential job titles:**
- Webmaster
- Web developer
- Web author
- Web content specialist
- User interface developer
Local educational opportunities

Two-year institutions:
- Lakeland Community College: Associate of Applied Business in IT and Computer Science (web content developer concentration)
  - Graphic design for the web certificate
  - IT specialist certificate
  - IT professional certificate
- Cuyahoga Community College: Associate of Applied Business in Information Technology-Web Page Maintenance
  - Web application development certificate
  - Web design and development certificate

Four-year institutions:
- Holden University Center of Lakeland Community College/Kent State University: Bachelor of Technical and Applied Studies, Computer Technology General Concentration
- Cleveland State University: Bachelor of Science in Computer and Information Science
- Kent State University: Bachelor of Science in Computer Science
- University of Akron: Bachelor of Science in Computer Science

High School Tech Prep:
- A-TECH: computer information systems program
- Auburn Career Center: internet programming and development program
- Lake Shore Compact: computer information systems program
- Excel TECC: information technology and programming
- Contact your high school guidance office

An Example of Course with Secondary and Postsecondary Credits
- Cuyahoga Community College: Associate of Applied Business in Information Technology-Web Page Maintenance
  - Web application development certificate
  - Web design and development certificate
- Lakeland Community College
  - Associate of Applied Business in IT and Computer Science (web content developer concentration)
  - Graphic design for the web certificate
  - IT specialist certificate
  - IT professional certificate
  - Contact Lakeland Information Technology & Computer Science Department Chair at 440.525.7265.

Coursework per educational entity:
Secondary pathway:
Computer Information Technology

Postsecondary program:
Web Developer

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How can I grow my career?

Where could I focus or specialize in my career?

- Web content developer
- Web administrator
- Computer systems analyst
- Programmer
- Programmer/analyst
- IT project manager

The career ladder

Pre-IT
- College technical prep program
- Worksite visits
- Job shadowing

2-Year IT/CS degree
- Web developer
- $59,100 annual salary

4-Year IT/CS degree and work experience
- Senior Web developer
- Web administrator
- $80,000 annual salary

Additional work experience and education
- Team leader
- Project manager
- $100,000 annual salary

Sources/References:
O*Net Online-Summary Report, Ohio Labor Market Information