FRONT-END SOFTWARE DEVELOPMENT

ECC 811 – SOFTWARE ENGINEERING

Tuesday, May 9, 2023

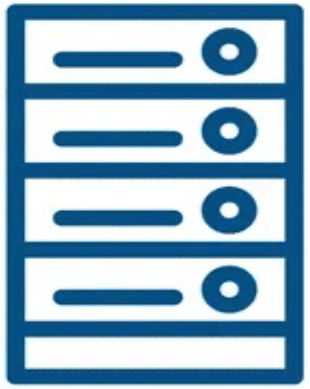
WHAT IS FRONT-END SOFTWARE DEVELOPMENT?

1. Front-end software development creates websites and applications using web languages such as
    1. Hypertext markup Language (HTML)
    2. Cascaded Style Sheets (CSS)
    3. JavaScript
2. **Front-end software development** allows users to access and interact with the site or app.
3. When you visit a website, the design elements you see on your user terminal were created by a front-end developer.

FRONT-END VS BACK-END SOFTWARE /01

USER TERMINAL

SERVER



Front End

- Markup and web languages such as HTML, CSS and Javascript
- Asynchronous requests and Ajax
- Specialized web editing software
- Image editing
- Accessibility
- Cross-browser issues
- Search engine optimisation

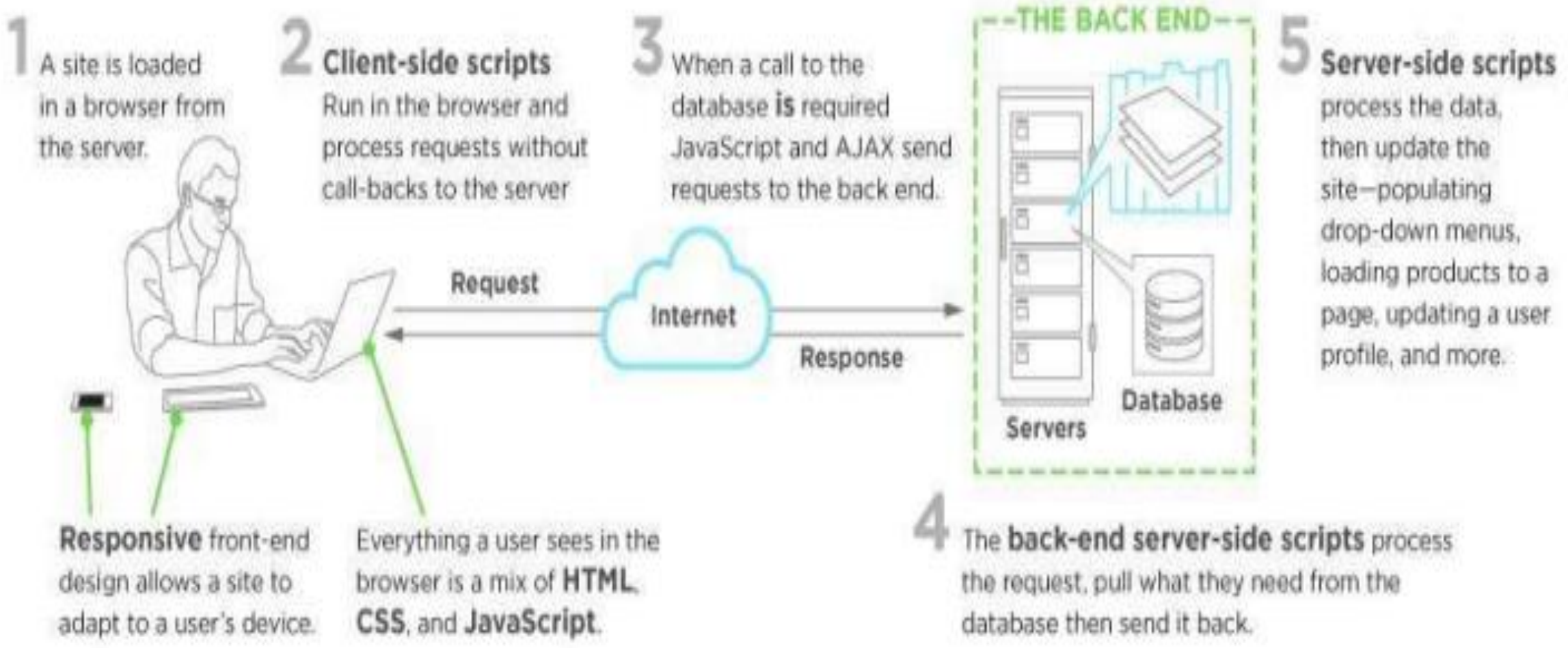
Back End

- Programming and scripting such as Python, Ruby and/or Perl
- Server architecture
- Database administration
- Scalability
- Security
- Data transformation
- Backup

FRONT-END SOFTWARE TERMINOLOGY

1. **Web browser** is software used to retrieve, present, and traverse information on the WWW. Examples: Chrome, Internet Explorer, Firefox, Safari, etc.
2. **Headless browsers** are a web browser without a graphical user interface used for functional testing, scraping, unit testing, etc.). Example: Phantom JS, slimerjs.
3. **WebView** is an embeddable browser that a native application can use to display web content. It excludes advanced features like navigational control and address bar.

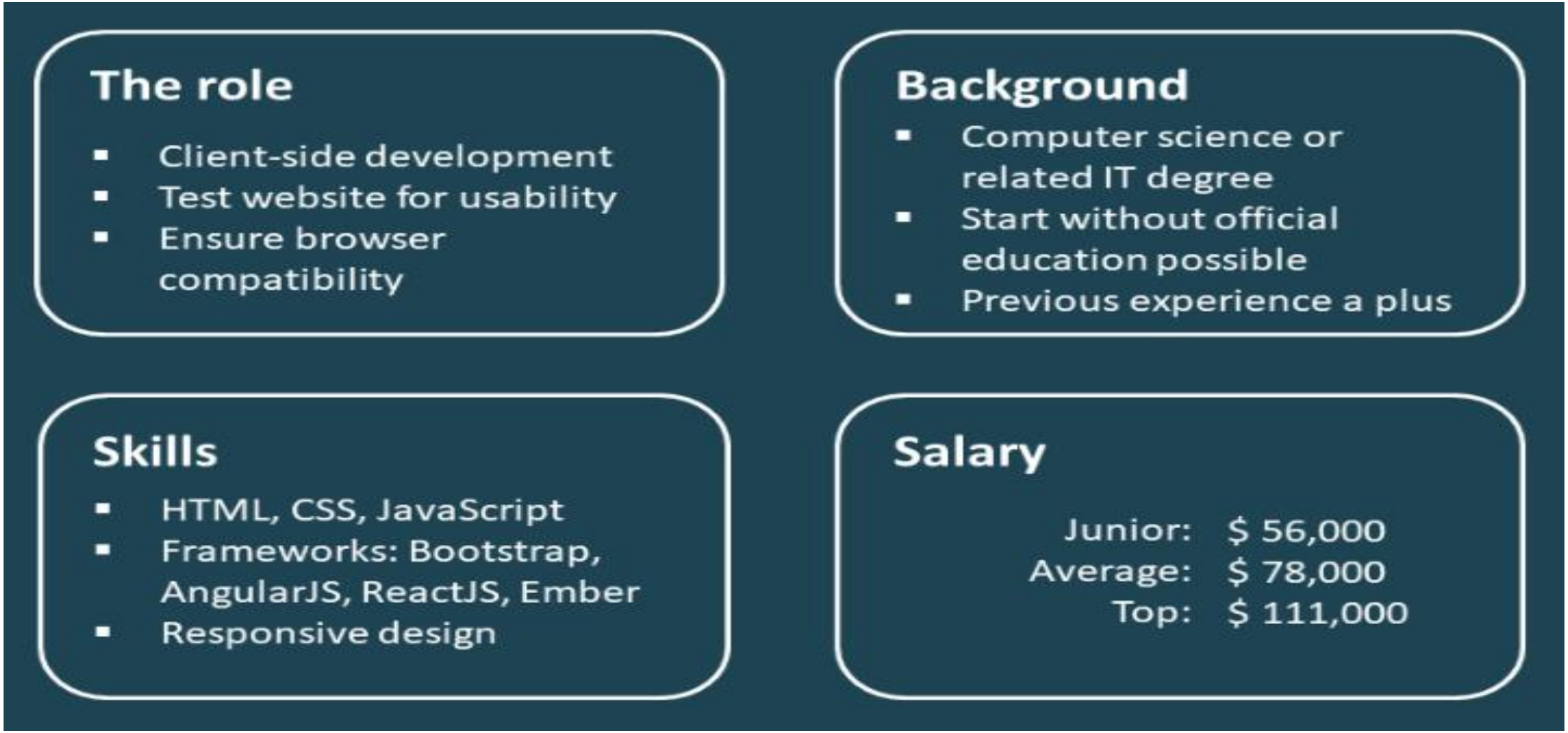
FRONT-END VS BACK-END SOFTWARE /02



FRONT-END JOB TITLES

1. **Front-End Developer/Engineer (**Front-End Web Developer/Engineer, Client-Side Developer/Engineer, Front-End Software Developer/Engineer or UI Engineer) CSS/HTML Developer
2. **Front-End JavaScript Developer**
3. **Front-End Web Designer**

FRONT-END SOFTWARE DEVELOPER



People also ask (May 2023)

How much is front-end developer paid in Kenya?

The median annual salary for a remote Frontend Developer in Kenya is $46,897.