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| A logo with a red and blue circle  Description automatically generated  **College LaSalle (Computer Tools-420-CT1-AS)** | * **Submitted By: -**   **SHILPA (2333032)**   * **Submitted To: -** * **Zohreh Moeini** |

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**IT SPECIALISTS**

1. **Web Developer**
2. **Graphic Designer**
3. **Software Developer (Programmer)**

**WEB DEVELOPER**

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Web Developer is a professional who is responsible for the design and construction of websites. They ensure that sites meet user expectations by ensuring they look good, run smoothly, and offer easy access points with no loading issues between pages or error messages.

**JOB MARKET OF A WEB DEVELOPER**

For Web designers and developers, over the period 2022-2031, new jobopenings (arising from expansion demand andreplacementdemand)are expected to total 10,400, while 12,700 new job seekers (arising from school leavers, immigration, and mobility) are expected to be available to fill them. Overall employment of web developers and digital designers is projected to grow 16 percent from 2022 to 2032, much faster than the average for all occupations. About 19,000 openings for web developers and digital designers are projected each year, on average, over the decade.

**GRAPHIC DESIGNER**

A graphic designer creates visual concepts, using computer software or by hand, to communicate ideas that inspire, inform, or captivate consumers. They work in a variety of industries, including advertising, marketing, and publishing, and use their skills to create logos, brochures, websites, packaging, and other promotional materials. Graphic designers are responsible for creating visually appealing designs that communicate a specific message or concept to the intended audience. They must also understand the latest design trends and software, as well as an ability to work collaboratively with other designers and clients.

**JOB MARKET OF A GRAPHIC DESIGNER**

Employment of graphic designers is projected to grow 3 percent from 2022 to 2032, about as fast as the average for all occupations. About 22,800 openings for graphic designers are projected each year, on average, over the decade.

The global graphic design market size is $45 billion. The US graphic design market is worth $16.6 billion. Graphic designers in the US make an average of $28.83 per hour, or $59,970 per year. Users spend more time looking at a website's logo than any part of the page.

**SOFTWARE DEVELOPER (PROGRAMMER)**

Software developers use their programming skills to create new software and improve existing software applications. They design and write the code used to build everything from operating systems to mobile apps to video games. Often, project managers provide software developers with an organization's business goals, and they translate those needs into software requirements.

**JOB MARKET FOR A SOTWARE DEVELOPER (PROGRAMMER)**

Overall, software development is the most in-demand profession in the world. According to Page Group, the countries with the highest demand for software developers are Canada, Australia, Russia, Sweden, and New Zealand. As there is a shortage of developers, salaries also tend to be higher.

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