

## **Web Designers and Developers**

Web designers and developers are professionals who create, design, and maintain websites and web applications. They combine technical skills and creative design to build user-friendly, visually appealing, and functional online platforms that meet client or organizational needs.

### **Duties and Powers:**

- Design website layouts, user interfaces, and visual elements.
- Develop and code websites or web applications using programming languages and frameworks.
- Test and debug websites to ensure functionality, performance, and security.
- Maintain and update websites, adding new features or content as needed.
- Collaborate with clients, designers, and other stakeholders to gather requirements.
- Optimize websites for performance, accessibility, and search engine ranking (SEO).
- Ensure compliance with web standards, privacy regulations, and security protocols.
- Create and maintain technical documentation for websites and applications.
- Troubleshoot and resolve website issues or user-reported problems.
- Stay updated on emerging technologies, tools, and trends in web design and development.