Unit 15: Courses Page

**Web Design:** The job of a web designer involves creating and designing visually appealing and functional websites for clients. Web designers work with clients to determine their website needs, goals, and target audience. They then use their knowledge of design principles, programming languages, and web development tools to create custom websites that meet their clients' requirements.

Average £34 K per year in the UK.

Average $58 K in the US.

**Cloud Engineering:** Cloud engineers are in charge of assuring the scalability, security, and high availability of cloud services such servers, databases, and software applications. Designing, implementing, and managing cloud-based infrastructure and applications are all part of a cloud engineer's job description.

Average £69 K per year in the UK.

Average $121 K in the US.

**Software Development:** Software development is the process of planning, creating, and testing software programmes. Software engineers collaborate with customers, business analysts, and other stakeholders to ascertain their software requirements and then develop specialised software solutions to fulfil those needs. Software developers use their knowledge of programming languages, such as Java, Python, or C++, to write code that creates the software applications.

Average £68 K per year for a normal SE and £99 K per year for SE IV.

Average $88 K per year in the US.

**Cybersecurity:** The job of a cybersecurity specialist involves protecting computer networks, systems, and data from unauthorized access, theft, or damage. Cybersecurity specialists work to prevent cyber-attacks by identifying and mitigating vulnerabilities in computer systems and applications.

Average is between £25 K and £35 K for an analyst and £50 K for an engineer.

Average is between $121,500 and $153,700 in the US.

**Web Developer:** A Web Developer is in charge of ensuring websites look good and function properly. Web developers collaborate with website and graphic designers, monitor website traffic, troubleshoot website problems when they arise, and update websites as necessary.

Average for junior developers is between £19 K to £25 K, mid-level developers is between £25 K and £35 K and lead developers is between £35 K and £75 K in the UK.

Base salary is $82 K in the US.

**HTML Coder:** HTML developers are responsible for the complete end-to-end coding of websites. They direct HTML projects, develop web applications, code sites, and provide support to website users.

Salary is £47.5 K a year in the UK.

Average salary is $71 K and $107 K for the top earners in the US.