

Career pathway to become a

WEB DEVELOPER

Report by

EDYODA

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The current transition in IT Industry - Overview

Information Technology has been the enabler of digital transformations across industries. However the Information Technology industry is going through a phase of huge transformation. Effects of these transformations in IT sector are being felt across enterprises. Cutting edge emerging technologies in IT are enablers as well as results of this transformation. This makes it crucial to understand how the IT sector is transforming itself.

Transformation can be seen in every aspect of the IT sector. Outsourcing to Uberization in Human resources, On-premises to Cloud in IT infrastructure, Manual to Automation in system administration, Iterative to Continuous in product development, Monolithic to Microservices design in software architecture, and Rule-based Software to Cognitive Software are just some of the examples of this. Each one of it is complementing the other and further accelerating the change.

In such a dynamic environment it is imperative that one take his/her career decision by keeping in mind these changes and taking a long-term-perspective. Keeping an open and agile mind-set and continuous learning is the key to a successful career.

Read further to discover the career pathway that we suggest you considering the challenges and the opportunities ahead.

Web Developer

A Web Developer profile requires knowledge of the below skill sets:

- Knowledge of Programming language such as Python, Java, Javascript, Ruby.
- Learn one of the framework of the language that you choose, like Django for Python, Spring for Java, NodeJS for Javascript, Ruby on Rails for Ruby. We suggest you go with Django as it highly in demand.

Job Description for Web Developer:

The role is responsible for designing, coding and modifying websites, from layout to function and according to a client's specifications. Strive to create visually appealing sites that feature user-friendly design and clear navigation.

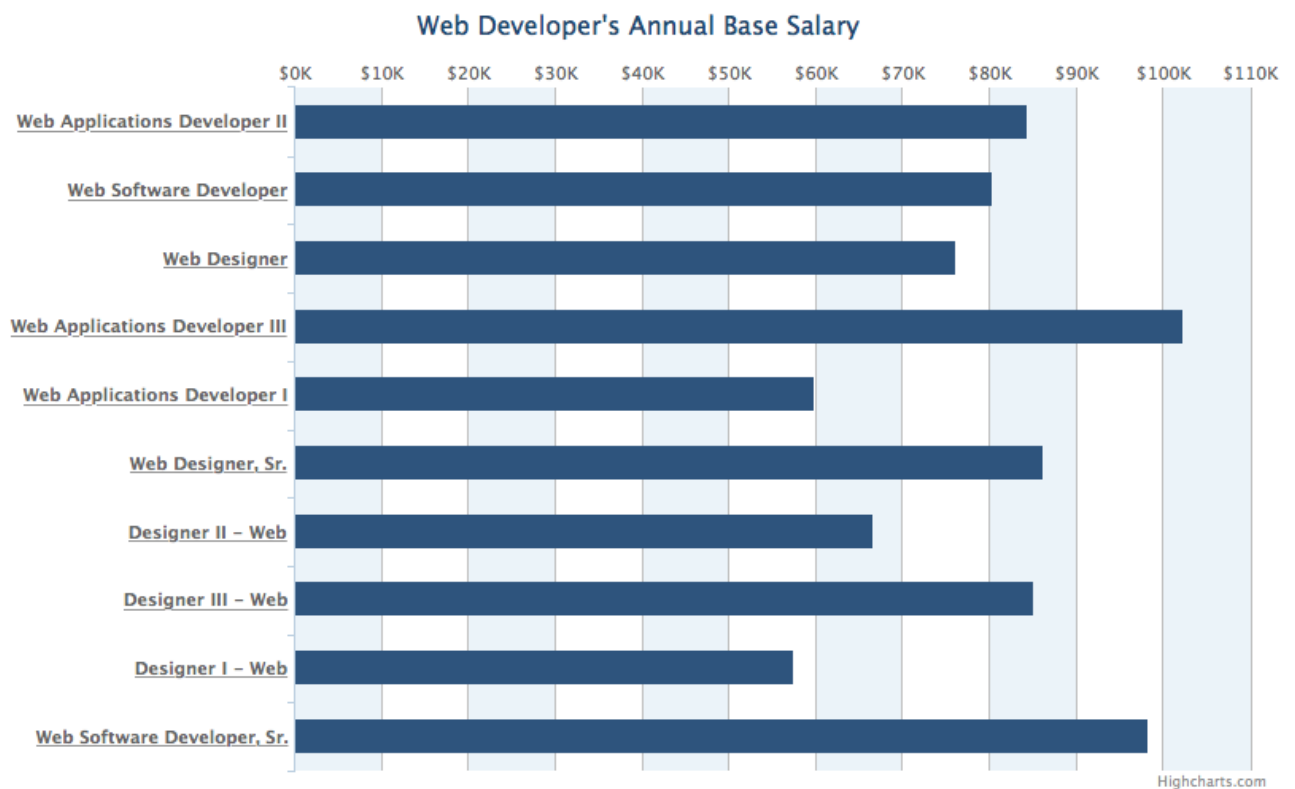
Web Developer Job Duties:

- Regular exposure to business stakeholders and executive management, as well as the authority and scope to apply your expertise to many interesting technical problems.
 - Candidate must have a strong understanding of UI, cross-browser compatibility, general web functions and standards.
 - The position requires constant communication with colleagues.
 - Experience in planning and delivering software platforms used across multiple products and organizational units.
 - Deep expertise and hands on experience with Web Applications and programming languages such as HTML, CSS, JavaScript, JQuery and API's.
 - Deep functional knowledge or hands on design experience with Web Services (REST, SOAP, etc ..) is needed to be successful in this position.
 - Strong grasp of security principles and how they apply to E-Commerce applications.
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Skill sets required for the job role:

- JavaScript, JQuery, HTML, HTML5, CSS, CSS3,
- Web Programming Skills (like Python and Django),
- Web User Interface Design (UI),
- Security Principles,
- Object-Oriented Design,
- Web Services (REST/SOAP),
- Multimedia Content Development,
- API's

Web Developer Salary*



Experience distribution for Web Developer

Just like in every other field, salary depends mainly on a number of experiences. In web development, fresh people are hired more frequently since they are considered to be knowledgeable about the latest trend. However, the more you are in this field, the higher you earn. Getting old as web developer only gets beneficial if you keep learning and adopting new trends with time. There is always a space for freshmen but salary keeps rising with time.

Going into 2019, one thing to keep in mind is many of the junior developer positions can be lucrative because online coding bootcamps, resources to learn code for free, and other paid resources count as credible sources that you know what your doing.



Long Term Learning Path for a Web Developer

If you're interested to build maintainable, scalable, secure web services and applications using the best tools and techniques of Django, then go for this Learning Path.

Prerequisites: Familiarity with HTML, CSS, and JavaScript is needed. Working knowledge on Python is a must. Basic knowledge on RESTful APIs would be useful.

- Develop powerful web applications quickly using the best coding practices
 - Learn Django from basics to advance.
 - Integrate other technologies such as Redis, Celery, Solr, and Memcached into your application with clear, step-by-step explanations and comprehensive example code
 - Add authentication and permissions to a RESTful API built in the Django framework
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References & credits

- <http://www.monsterindia.com/>
- <http://naukri.com/>
- <https://www.indeed.co.in>
- <https://analyticsindiamag.com/>
- <https://www.payscale.com/>
- <https://www.google.com/>
- <https://www.aspiringminds.com/>
- <https://www.asktester.com/>

There are many other career options to choose from but these are the most popular and in-demand ones. If you have any further questions, please reach out to us at hello@edYoda.com.

About the platform

www.edyoda.com - EdYoda is an open and community driven platform to learn cutting edge emerging technologies. We intend to democratize tech learning by enabling Creators across the globe to create and contribute to the platform.

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