



101 Blockchains

HOW TO BECOME AN ETHEREUM DEVELOPER?

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What is Ethereum?



Ethereum is one of the prominent blockchain technologies on the market at the moment.

It's an open-source and public blockchain platform that offers smart contracts functionalities.

The primary goal of Ethereum blockchain is to offer a platform for decentralized application development, so it's a perfect tool for developers.

Salary Prospects for **Ethereum** Developers

- ➔ Salary is a huge part of securing a career within the blockchain ecosystem. Technical to non-technical skills are compensated greatly in this new industry.
- ➔ Ethereum developers can expect a salary range from \$50,000 - \$200,000 every year based on their experience and skill level.
- ➔ With performance, there are opportunities to get promotions earlier than other fields, and also many times, developers also get a share of commission from every successful project.



Firms Hiring **Ethereum Blockchain** Developers



Multinational companies are investing heavily in blockchain technology. These are some of the examples of companies hiring developers for blockchain projects.

- Accenture
- IBM
- Microsoft
- Facebook
- Deloitte
- Amazon



Why Become an **Ethereum** Blockchain Developer?



- Professional Development
- Job Security
- Job Satisfaction

Professional Development



Blockchain offer developer a new scope to learn and improve and even show their innovative skills.

Most enterprise companies encourage new ideas and innovation to help consumers and their business models in any way possible.

Job Security



Blockchain is extremely popular, and it's here to stay. Many enterprise companies are already investing heavily in blockchain.

So, it's evident that with the proper skill set, you will have job security. Also, the competition within this industry is lower than in other niches, so it's easier to land a reputable job.

Job Satisfaction

According to a survey, almost 68% of the developers working in this niche perceive blockchain as a positive opportunity.

Most companies hiring professionals are making sure to offer lucrative employee policies to boost the morale of the employees. Thus, it can be a turning point in one's career.



Responsibilities of Ethereum Developers

- ➔ Developing smart contracts-based projects using Solidity.
- ➔ Creating the roadmap and developing innovative decentralized applications.
- ➔ Test and risk management in user-centric Ethereum projects.
- ➔ Coordination with teams to offer the best output for the client.
- ➔ Explaining the technical aspect of the project in a simple way to potential stakeholders.



Skills Requirements for Ethereum Development Jobs



Fluency in Blockchain



Understanding of Cryptography



Programming Knowledge



Fluency in Blockchain

An Ethereum developer needs to understand the working process of blockchain technology.

Without understanding them properly, it's very hard to comprehend the working process of the technology.

Thus, a developer needs to be fully expert on every element regarding blockchain.



Understanding of Cryptography



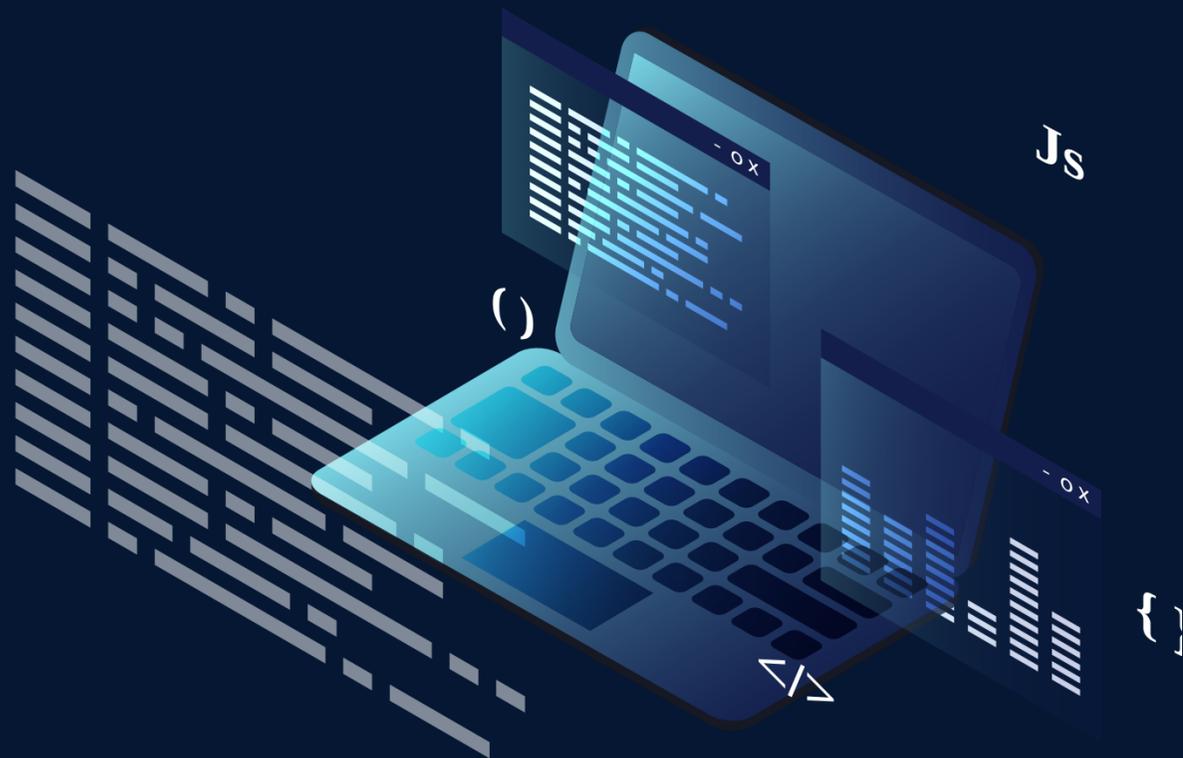
Cryptography is one of the key elements of blockchain. Without cryptography, the information on the platform is not secured from third-party influences.

Therefore, the developer must understand how cryptography works on the Ethereum platform. Starting with hash functions, public key, private key cryptography is the best option.

Programming Knowledge

Developers need to master programming. Mostly there are various programming languages at work on the Ethereum blockchain.

So, you need to master the coding process and hone your skills to perfection. Start off with .NET, Solidity, JavaScript, Python, Ruby, Rust, etc.



Steps to Become an Ethereum Developer



- Start With the Basics
- Become an Expert on Solidity
- Specialize in Ethereum Toolset
- Use Open-Source Materials
- Certification Is Essential

Start With the Basics

Start with learning about the basic elements of the technology. It's best to start off with critical elements such as nodes, consensus, smart contracts, etc.

Once you are done with the basics, you can move on to a more complex topic. Also, learning about potential uses cases can be a huge plus point.



Become an **Expert** on **Solidity**

Solidity is essential for Ethereum blockchain as Solidity is the base of smart contracts.

If you want to establish your role as an Ethereum developer, you need to practice how to use Solidity to develop smart contracts for Ethereum based projects.



Specialize in Ethereum Toolset



There are a multitude of blockchain tools specifically for the Ethereum platform. For getting an Ethereum to develop job, you need to understand how to use these tools.

These tools can help you save a lot of time and resources while you are working on a blockchain project. Tools like web3.js, Metamask, Ganache, Truffle, etc., are some of the tools.

Use **Open-Source** Materials



Ethereum is an open-source blockchain platform, and many of the projects using Ethereum are also open source.

Thus, it's a good opportunity to use these materials to understand how every project is using the platform. You can also ask for help on blockchain communities.

Certification Is Essential



Getting a certification from a reputed source can help you land a great job as an Ethereum developer.

Many online educational platforms offer solid courses and provide certificates based on your performance.

However, you need to select solid Ethereum courses instead of free courses that offer no value.



Blockchain Courses for Ethereum Developer



Ethereum Development Fundamentals

<https://academy.101blockchains.com/courses/ethereum-development-fundamentals>



Zero-Knowledge Proofs (ZKP) Masterclass

<https://academy.101blockchains.com/courses/zero-knowledge-proofs>



How to Build Your Career in Enterprise Blockchains

<https://academy.101blockchains.com/courses/career-in-blockchain>

101 Blockchains Certifications



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Why You Must Go With 101 Blockchains

Certification Courses?



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First-class Training Content



Interactive Exercises



Flexible Learning Using Modular Approach



Access to Bonus Training Materials



Various Training Strategies for Faster Learning



Tangible Proof of Course Completion



Weekly Hands-on Assignments



Professional Instructors



Premium Support





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Free Resources

[Enterprise Blockchains Fundamentals](#) - **Free Course**

[Blockchain Glossary](#)

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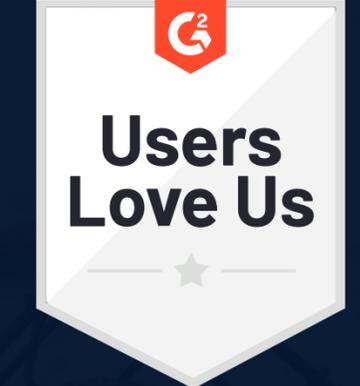




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