BUILDING ALEXA SKILL



**1 hour**

DEVELOPMENT: Prerequisites

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**Description**

In this exercise you’ll go through the basic steps of setting up the development environment for creating an Alexa Skill.

**System prerequisites**

* Windows or Mac laptop

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| **Target group**   * Application developers * People interested in Amazon Alexa | **Target group requirements**   * Basic programming skills, ideally JavaScript |

Part 1: Sign up for Amazon account

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| Explanation | **Screenshot** |
| 1. If you do not have an Amazon account – sign up for an Amazon account by clicking on the link below   <http://www.amazon.com>  Hopefully, most of you already have an Amazon account. So you can skip this step. |  |

Part 2: Sign up for AWS account

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| Explanation | **Screenshot** |
| 1. Sign up for an AWS account by clicking on the link below   <https://aws.amazon.com/account/>  Click **Create an AWS Account** |  |
| 1. Provide the following values and click **Continue**   **Email:** <Your email>  **Password:**  **AWS account name:** <Your name> |  |
| 1. Provide all the required values. **Click Create Account and Continue** |  |
| 1. Provide your credit card information and click **Secure Submit**   **Note:** Don’t worry. You will not get charged for this exercise. |  |
| 1. Provide your phone number for phone verification from Amazon   Enter the 4 digit pin and your identity should now be verified |  |
| 1. Select the **Basic Plan** |  |

Part 3: Install Node.js

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| Explanation | **Screenshot** |
| 1. Download and install Node.js from the following location   <https://nodejs.org/en/>  Choose the option **Recommended For Most Users** |  |

Part 4: Create Node.js module

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| Explanation | **Screenshot** |
| 1. Create a folder **Meetup\src** in your C:\ drive (You can name the folder anything)   Folder is empty for now. We will create our project here |  |
| 1. From a command prompt in that location, type the following command   **npm init**  Provide the following values  **package name:** <default>  **version:** <default>  **description:** Alexa Skill Package  **entry point:** <default>  **author:** <Your name>  **license:** <default>  **Is this OK?** Yes  There should now be a **package.json** file in your folder |  |

Part 5: Install required modules for Alexa Skill

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| Explanation | **Screenshot** |
| 1. From the command prompt in that location, type in the following additional commands   **npm install --save ask-sdk-model**  **npm install --save ask-sdk-core**  **npm install --save request**  You should now see a folder named **node\_modules** with all the modules inside the folder |  |
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Part 6: Meetup API

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| Explanation | **Screenshot** |
| 1. Make a note of the Meetup API key by clicking on the link below   <https://secure.meetup.com/meetup_api/key/>  **Note:** You must have to login first to be able to view the **API key**  Keep the **API key** secret |  |

Part 7: Install Amazon app on your iPhone

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| Explanation | **Screenshot** |
| 1. On your iPhone, install the Amazon app |  |