

Installation & Prerequisites

- GIT
 - Git Installation
 - Official web => <https://git-scm.com/downloads>
 - Using Chocolatey for Windows => <https://community.chocolatey.org/packages/git>
 - Gitlab account
 - Register [here](#)
- UI Design
 - The minimum operating system (OS) requirements are:
 - Windows 8.1 or later or
 - Apple MacOS 10.13 (macOS High Sierra) and later
 - The minimum browser requirements are:
 - Chrome (ver. 66+)
 - Firefox (ver. 78+)
 - Safari (ver. 13+)
 - or Microsoft Edge (ver. 79+)
 - Download Figma Desktop App latest version ([Link here](#)) or you can access from browser
 - Please registration your Education plan in here [Figma Education](#)
 - Access this link to join Figma for this program [BCA Syariah Offline 2023](#)
- Frontend Bootstrap
 - Visual Studio Code
 - Download [Here](#)
 - Extension:
 - [ritwickdey.LiveServer](#)
 - [esbenp.prettier-vscode](#)
 - [syler.sass-indented](#)
 - [glenn2223.live-sass](#)
 - SASS installation [here](#)
- Web Optimization
 - Know how to create website, at least HTML CSS
 - Only browser, latest browser is better,
The minimum browser requirements are:
 - Chrome (ver. 66+)
 - Firefox (ver. 78+)
 - Safari (ver. 13+)
 - or Microsoft Edge (ver. 79+)

- Backend Development
 - Laravel
 - Latest PHP version 8.0
 - VSCode with Extensions
 - Laravel blade snippets
 - Laravel Snippets
 - Laravel Artisans
 - Php Intelephense
 - Postman REST Client
 - MariaDB v10 & RDBMS (DBeaver/PhpMyAdmin)
 - Latest Chromium Browser (Recommended: Google Chrome / Edge)
 - NodeJS
 - NodeJS v18 LTS
 - VSCode
 - Extension:
 - cweijan.vscode-mysql-client2
 - dbaeumer.vscode-eslint
 - EditorConfig.EditorConfig
 - Postman / Insomnia REST Client
 - PostgreSQL v14 + pgAdmin 4
 - Latest chromium browser (Recommended: Google Chrome v108 / Latest Edge)
 - ...
 - JavaSpring
 - Java JDK v17 / Other LTS version, minimum JDK v8
 - VSCode Extension:
 - Extension Pack for Java
 - Spring Boot Extension Pack
 - Lombok Annotations Support for VS Code
 - Postman / Insomnia REST Client
 - MySQL / PostgreSQL & RDBMS (MySQL Workbench / pgAdmin / DBeaver)
- ISO 20022
 - ...
 - ...
- Cloud Web Servers Deployment
 - SSH Terminal (Recommended PuTTY)
 - AWS IAM
 - Java JDK LTS version, minimum 8
 - VSCode with Extension
 - william-voyek.vscode-nginx
 - raynigon.nginx-formatter
 - mrmlnc.vscode-apache

- Python
 - Latest Python3 Version 3.8, 3.9 or 3.10 + VEnv
 - Pycharm Community Edition
 - Postman REST Client
 - SQLite/PostgreSQL + RDBMS (Dbeaver)
 - Latest Flask Version 2.2
 - Latest Chromium Browser (Recommended: Edge/Google Chrome)
- DB Engine & Automization
 - Maria DB/ MYSQL
 - Stable MariaDB Version 10.10.2
 - RDBMS (Recommended Dbeaver)
 - Terminal / PuTTY
 - MSSQL
 - ...
 - ...
 - PostgreSQL
 - Latest Version PostgreSQL 15
 - RDBMS (Recommended Dbeaver)
 - Terminal / PuTTY
- Android Kotlin
 - ...
 - ...
- iOS Swift
 - Xcode 14
 - Simulator iPhone 14 Pro (sudah built in dari Xcode 14)
 - Git (<https://git-scm.com/download/mac>)
 - Postman (<https://www.postman.com/downloads/>)
- Networking
 - ...
 - ...
- Digital Awareness
 - ...
 - ...