Vite Project Setup Scripts Collection

Lightning-fast PowerShell scripts to bootstrap modern web applications with Vite



Table of Contents

- Features
- 🛭 Quick Start

- Stranger Advanced Configuration
- Project Structure
- Prerequisites
- Security Guidelines
- 🙇 Troubleshooting
- S Contributing
- \bigcirc Community & Support
- 🖹 License

→ Features

Bootstrap complete projects in under 30 seconds

Modern Stack

Pre-configured with Tailwind CSS, routing, and best practices

Sero Configuration

Works out of the box with sensible defaults

Multiple Frameworks

React, Vue, Svelte, Solid.js, and Vanilla JS support

One-Command Deployment

Direct execution from GitHub without downloads

1 Production Ready

Includes linting, formatting, and security configurations

Quick Start (One-Command Setup)

▼ Tip: Run these commands directly in PowerShell - no downloads required!

React Projects

PROFESSEUR: M.DA ROS


```
# 
One-liner setup

iex (iwr -useb "https://raw.githubusercontent.com/MianAliKhalid/Vite-Project-Setup-Scripts-Collection/main/setup-
vite-react-js.ps1").Content
```

Includes: React Router, Tailwind CSS, Lucide React icons, ESLint

► ♦ React + TypeScript

Includes: React Router, Tailwind CSS, TypeScript, type definitions

Vue.js Projects

▶ W Vue 3 + JavaScript

Includes: Vue Router 4, Pinia state management, Tailwind CSS

Other Frameworks

► 🗟 Svelte

```
#  Svelte with routing iex (iwr -useb "https://raw.githubusercontent.com/MianAliKhalid/Vite-Project-Setup-Scripts-Collection/main/setup-vite-svelte-js.ps1").Content
```

► **⇔** Solid.js

```
# 🔗 Solid.js performance iex (iwr -useb "https://raw.githubusercontent.com/MianAliKhalid/Vite-Project-Setup-Scripts-Collection/main/setup-vite-solid-js.ps1").Content
```

▶ **♦** Vanilla JavaScript

```
#  Pure JavaScript power

iex (iwr -useb "https://raw.githubusercontent.com/MianAliKhalid/Vite-Project-Setup-Scripts-Collection/main/setup-
vite-vanilla-js.ps1").Content
```

▶ **@** Generic Template (Choose Your Own)

```
# 
# Interactive template selection
iex (iwr -useb "https://raw.githubusercontent.com/MianAliKhalid/Vite-Project-Setup-Scripts-Collection/main/setup-
vite-template.ps1").Content
```

& Available Templates

Framework	Language	Script	Features	Best For
	JavaScript	setup-vite-react-js.ps1	Router, Tailwind, Icons	SPAs, Dashboards

Framework	Language	Script	Features	Best For
React	TypeScript	setup-vite-react-ts.ps1	Router, Tailwind, Types	Enterprise Apps
	JavaScript	setup-vite-vue-js.ps1	Router, Pinia, Tailwind	Progressive Web Apps
Svelte	JavaScript	setup-vite-svelte-js.ps1	Routing, Tailwind	Lightweight Apps
⇔ Solid.js	JavaScript	setup-vite-solid-js.ps1	Tailwind CSS	High Performance
∮ Vanilla	JavaScript	setup-vite-vanilla-js.ps1	Minimal Setup	Learning, Prototypes
% Full Stack	JavaScript	setup-vite-frontend.ps1	API Ready, Advanced	Full Applications
₫ Generic	Configurable	setup-vite-template.ps1	Interactive Choice	Custom Requirements

Comprehensive Guide

Custom Parameters

All scripts support powerful customization options:

```
# ② Basic customization
.\script.ps1 -ProjectName "my-awesome-app" -SkipGit -SkipAutoStart

# ● Full-stack configuration
.\setup-vite-frontend.ps1 -ProjectName "my-app" -ApiUrl "https://api.myapp.com"

# ② Template selection
.\setup-vite-template.ps1 -Framework "vue" -Variant "ts" -ExtraPackages "axios lodash"
```

Parameter Reference

► Common Parameters (All Scripts)

Parameter	Type	Default	Description
-ProjectName	String	"frontend"	Project directory name
-SkipGit	Switch	false	Skip Git repository initialization
-SkipAutoStart	Switch	false	Don't start development server

► Advanced Parameters

setup-vite-frontend.ps1:

• -ApiUrl - Backend API endpoint (default: "http://localhost:3000/api")

setup-vite-template.ps1:

- -Framework Target framework (react, vue, svelte, solid, angular)
- -Variant Language variant (js, ts)
- -ExtraPackages Additional npm packages to install

Q Usage Examples

► **ઉ** Scenario-Based Examples

Enterprise React Application

```
# TypeScript React with custom name
$env:PROJECT_NAME="enterprise-dashboard"
iex (iwr -useb "https://raw.githubusercontent.com/MianAliKhalid/Vite-Project-Setup-Scripts-Collection/main/setup-vite-react-ts.ps1").Content
```

Quick Prototype

PROFESSEUR: M.DA ROS

```
# Vanilla JS, no git, auto-start disabled
iex (iwr -useb "https://raw.githubusercontent.com/MianAliKhalid/Vite-Project-Setup-Scripts-Collection/main/setup-
vite-vanilla-js.ps1").Content -SkipGit -SkipAutoStart
```

Full-Stack Application

```
# Download and configure for production API
Invoke-WebRequest -Uri "https://raw.githubusercontent.com/MianAliKhalid/Vite-Project-Setup-Scripts-
Collection/main/setup-vite-frontend.ps1" -OutFile "setup.ps1"
.\setup.ps1 -ProjectName "my-saas-app" -ApiUrl "https://api.production.com"
```

Advanced Configuration

Environment Variables

Set project name via environment variable:

```
$env:PROJECT_NAME = "my-custom-app"
# Then run any script
```

Customizing Generated Projects

Each script creates a fully configured project with:

- Responsive Design Mobile-first components
- 🕲 Hot Module Replacement Instant development feedback
- **Optimized Build** Production-ready bundles
- Festing Setup Ready for unit tests
- Documentation Comprehensive README

Project Structure

```
pyour-project-name/
public/ # Static assets
src/
pages/ # Route components (React)
pages/ # Utilities and helpers
pages/ # Application component
pain.jsx # Application entry point
pain.jsx # Application entry point
paindex.css # Global styles
enew # Environment variables
enew # Git ignore rules
enew # Git ignore rules
enew # Git ignore rules
enew # Environment variables
enew # Environment variables
enew # Environment variables
enew # Station entry point
enew # Station entry point
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```

Prerequisites

System Requirements

Requirement	Minimum Version	Recommended	Installation
Node.js	v16.0.0	v18+ LTS	Download
npm	v7.0.0	v9+	Included with Node.js

Requirement	Minimum Version	Recommended	Installation
PowerShell	v5.1	v7+	Download
Git	v2.0	Latest	Download

Quick Check

```
# Verify your system
node --version  # Should show v16+
npm --version  # Should show v7+
git --version  # Should show v2+
```

- Security Guidelines
- Remote Script Execution Safety
- ⚠ Important: Always verify scripts before execution
- **☑** Recommended Practices
 - 1. Review First: Check the raw script content

```
# View script before running
Invoke-WebRequest -Uri "https://raw.githubusercontent.com/MianAliKhalid/Vite-Project-Setup-Scripts-
Collection/main/setup-vite-react-js.ps1" | Select-Object -ExpandProperty Content
```

- 2. Use HTTPS: Always use secure URLs
- 3. 🖺 Local Copy: Download for production use

```
# Secure workflow
Invoke-WebRequest -Uri "https://raw.githubusercontent.com/MianAliKhalid/Vite-Project-Setup-Scripts-
Collection/main/setup-vite-react-js.ps1" -OutFile "setup.ps1"
# Review the file
.\setup.ps1
```

4. # Corporate Networks: Some networks block remote execution

Troubleshooting

Solutions Solutions Solutions

PowerShell Execution Policy

```
# If you get execution policy errors

Set-ExecutionPolicy -ExecutionPolicy RemoteSigned -Scope CurrentUser
```

Port Already in Use

```
# Check what's using port 5173
netstat -ano | findstr :5173
# Kill the process if needed
taskkill /PID <PID_NUMBER> /F
```

Network/Firewall Issues

```
# Test connectivity
Test-NetConnection -ComputerName raw.githubusercontent.com -Port 443
```

Node.js/npm Issues

```
# Clear npm cache
npm cache clean --force
# Update npm
npm install -g npm@latest
```

▶ Sos Getting Help

- 1. **Q** Check Documentation: Review this README thoroughly
- 2. Search Issues: Look through existing issues
- 3. Ask Community: Create a new issue with details
- 4. Direct Contact: Reach out via GitHub

⚠ Troubleshooting Script Download Issues

- Why am I getting a 404 Not Found when using Invoke-WebRequest or opening the raw script link?
 - The script file does **not exist** in the main branch of the public GitHub repository **at the expected path**.
 - You may be working in a **private** or **local** repository, or the file has not been pushed to GitHub.
 - The filename or path in the URL may be **misspelled** or **incorrect**.
 - The repository or file may have been deleted or renamed.
 - Sometimes, a script may exist in the repo UI (e.g., setup-vite-lit-ts.ps1) but not at the raw URL (e.g., setup-vite-react-js.ps1) if the file is missing, renamed, or not pushed. Always check both the GitHub UI and the raw link.

• How to fix:

1. Check the repository on GitHub:

Go to Vite-Project-Setup-Scripts-Collection and verify that the script file (e.g., setup-vite-react-js.ps1) exists in the root or correct folder.

2. If the file is missing:

- Make sure you have pushed all your local files to GitHub.
- If you are the repo owner, commit and push the script file.
- If you are a user, contact the maintainer or check for updates.

3. If the file exists in the repo UI but not at the raw URL:

- Double-check the **case sensitivity** and **file extension** (.ps1) in the URL.
- Sometimes, files may be present in a different branch or folder.
- Try opening the file in the GitHub UI, click Raw, and copy the URL from your browser to ensure it's correct.

4. If the file exists:

- Click the script file in GitHub, then click **Raw** to view the raw script.
- Copy the content and save it as a .ps1 file locally.
- Run the script in PowerShell as needed.

• Example: Manual Copy

- 1. Open the script link in your browser (e.g., setup-vite-lit-ts.ps1).
- 2. Click the **Raw** button.
- 3. Copy all the script content.
- 4. Paste into a file named setup-vite-lit-ts.ps1 in your local folder.
- 5. Run the script in PowerShell.

• Note:

The Invoke-WebRequest command will only work if the script is available at the raw URL.

If you get a 404 error, always check the repository and file existence first, and verify the exact path and filename.

⚠ Script Parse Error: "The string is missing the terminator: "@""

• If you see an error like:

```
The string is missing the terminator: "@"
```

This means the script you downloaded from the raw link is **incomplete or corrupted** (often due to missing the end of a here-string or copypaste error).

· How to fix:

- 1. Check the script file in the GitHub UI to ensure it is complete and ends properly.
- 2. If using the raw link:
 - Make sure the script is fully uploaded and not truncated.
 - Try refreshing the raw link in your browser and check if the script ends with all code and terminators.
- 3. If the script is incomplete:
 - Contact the repository maintainer to fix the script file.
 - Or, manually copy the script from the GitHub UI (click the file, then "Raw", select all, copy, and paste into a .ps1 file in VS Code).
- 4. If you are the maintainer:
 - Edit the script file and ensure all here-strings (blocks starting with @") are properly closed with @" on a new line.
- Tip:

Always verify the script content in the GitHub UI and raw link before running it in PowerShell.

S Contributing

We welcome contributions! Here's how to get started:

Quick Contribution

- 1. **|| Fork** the repository
- 2. **Greate** a feature branch
- 3. **Make** your changes
- 4. **Test** thoroughly
- 5. **Submit** a pull request

& Contribution Ideas

- New Frameworks: Add support for Angular, Next.js, Nuxt.js
- 🐐 Enhanced Features: Additional utilities, configurations
- **Documentation**: Improve guides, add tutorials
- 🖔 **Bug Fixes**: Resolve issues, improve stability

Development Setup

```
# Clone repository
git clone https://github.com/MianAliKhalid/Vite-Project-Setup-Scripts-Collection.git
cd Vite-Project-Setup-Scripts-Collection

# Test a script
.\setup-vite-react-js.ps1 -ProjectName "test-project"
```

Community & Support

Show Your Support

If this project helps you, please consider:



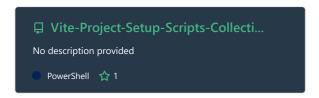
Professional Support

For enterprise support, custom templates, or consulting:

- Email: Contact via GitHub
- 🖨 LinkedIn: Connect professionally
- 🖏 Issues: Report bugs

■ Project Statistics

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License

This project is licensed under the **MIT License** - see the LICENSE file for details.

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Made with ♥ by Mian Ali Khalid

↑ Back to Top

All Setup Scripts (Copy & Paste into VS Code)

Tip: Copy the code block for the script you want, paste into VS Code, and save as the filename in the comment.

Direct Script Links

Below are ready-to-use commands for each script.

Click the "Copy" button to copy the command, then paste it into your PowerShell terminal.

Script	Command	Сору
React + JS	<pre>iex (iwr -useb "https://raw.githubusercontent.com/MianAliKhalid/Vite- Project-Setup-Scripts-Collection/main/setup-vite- react-js.ps1").Content</pre>	<pre><button https:="" js.ps1").content')"="" main="" mianalikhalid="" onclick="navigator.clipboard.writeText('iex (iwr -useb " project-setup-scripts-collection="" raw.githubusercontent.com="" setup-vite-react-="" vite-="">Copy</button></pre>
React + TS	<pre>iex (iwr -useb "https://raw.githubusercontent.com/MianAliKhalid/Vite- Project-Setup-Scripts-Collection/main/setup-vite- react-ts.ps1").Content</pre>	<pre><button https:="" main="" mianalikhalid="" onclick="navigator.clipboard.writeText('iex (iwr -useb " project-setup-scripts-collection="" raw.githubusercontent.com="" setup-vite-react-="" ts.ps1").content')"="" vite-="">Copy</button></pre>
Vue + JS	<pre>iex (iwr -useb "https://raw.githubusercontent.com/MianAliKhalid/Vite- Project-Setup-Scripts-Collection/main/setup-vite-vue- js.ps1").Content</pre>	<pre><button https:="" js.ps1").content')"="" main="" mianalikhalid="" onclick="navigator.clipboard.writeText('iex (iwr -useb " project-setup-scripts-collection="" raw.githubusercontent.com="" setup-vite-vue-="" vite-="">Copy</button></pre>
Vue + TS	<pre>iex (iwr -useb "https://raw.githubusercontent.com/MianAliKhalid/Vite- Project-Setup-Scripts-Collection/main/setup-vite-vue- ts.ps1").Content</pre>	<pre><button https:="" main="" mianalikhalid="" onclick="navigator.clipboard.writeText('iex (iwr -useb " project-setup-scripts-collection="" raw.githubusercontent.com="" setup-vite-vue-="" ts.ps1").content')"="" vite-="">Copy</button></pre>
Svelte + JS	<pre>iex (iwr -useb "https://raw.githubusercontent.com/MianAliKhalid/Vite- Project-Setup-Scripts-Collection/main/setup-vite- svelte-js.ps1").Content</pre>	<pre><button https:="" main="" mianalikhalid="" onclick="navigator.clipboard.writeText('iex (iwr -useb " project-setup-scripts-collection="" raw.githubusercontent.com="" setup-vite-="" svelte-js.ps1").content')"="" vite-="">Copy</button></pre>
Svelte + TS	<pre>iex (iwr -useb "https://raw.githubusercontent.com/MianAliKhalid/Vite- Project-Setup-Scripts-Collection/main/setup-vite- svelte-ts.ps1").Content</pre>	<pre><button https:="" main="" mianalikhalid="" onclick="navigator.clipboard.writeText('iex (iwr -useb " project-setup-scripts-collection="" raw.githubusercontent.com="" setup-vite-="" svelte-ts.ps1").content')"="" vite-="">Copy</button></pre>

Script	Command	Сору
Solid + JS	<pre>iex (iwr -useb "https://raw.githubusercontent.com/MianAliKhalid/Vite- Project-Setup-Scripts-Collection/main/setup-vite- solid-js.ps1").Content</pre>	<pre><button https:="" js.ps1").content')"="" main="" mianalikhalid="" onclick="navigator.clipboard.writeText('iex (iwr -useb " project-setup-scripts-collection="" raw.githubusercontent.com="" setup-vite-solid-="" vite-="">Copy</button></pre>
Solid + TS	<pre>iex (iwr -useb "https://raw.githubusercontent.com/MianAliKhalid/Vite- Project-Setup-Scripts-Collection/main/setup-vite- solid-ts.ps1").Content</pre>	<pre><button https:="" main="" mianalikhalid="" onclick="navigator.clipboard.writeText('iex (iwr -useb " project-setup-scripts-collection="" raw.githubusercontent.com="" setup-vite-solid-="" ts.ps1").content')"="" vite-="">Copy</button></pre>
Preact + JS	<pre>iex (iwr -useb "https://raw.githubusercontent.com/MianAliKhalid/Vite- Project-Setup-Scripts-Collection/main/setup-vite- preact-js.ps1").Content</pre>	<pre><button https:="" main="" mianalikhalid="" onclick="navigator.clipboard.writeText('iex (iwr -useb " preact-js.ps1").content')"="" project-setup-scripts-collection="" raw.githubusercontent.com="" setup-vite-="" vite-="">Copy</button></pre>
Preact + TS	<pre>iex (iwr -useb "https://raw.githubusercontent.com/MianAliKhalid/Vite- Project-Setup-Scripts-Collection/main/setup-vite- preact-ts.ps1").Content</pre>	<pre><button https:="" main="" mianalikhalid="" onclick="navigator.clipboard.writeText('iex (iwr -useb " preact-ts.ps1").content')"="" project-setup-scripts-collection="" raw.githubusercontent.com="" setup-vite-="" vite-="">Copy</button></pre>
Lit + JS	<pre>iex (iwr -useb "https://raw.githubusercontent.com/MianAliKhalid/Vite- Project-Setup-Scripts-Collection/main/setup-vite-lit- js.ps1").Content</pre>	<pre><button https:="" js.ps1").content')"="" main="" mianalikhalid="" onclick="navigator.clipboard.writeText('iex (iwr -useb " project-setup-scripts-collection="" raw.githubusercontent.com="" setup-vite-lit-="" vite-="">Copy</button></pre>
Lit + TS	<pre>iex (iwr -useb "https://raw.githubusercontent.com/MianAliKhalid/Vite- Project-Setup-Scripts-Collection/main/setup-vite-lit- ts.ps1").Content</pre>	<pre><button https:="" main="" mianalikhalid="" onclick="navigator.clipboard.writeText('iex (iwr -useb " project-setup-scripts-collection="" raw.githubusercontent.com="" setup-vite-lit-="" ts.ps1").content')"="" vite-="">Copy</button></pre>
Vanilla + JS	<pre>iex (iwr -useb "https://raw.githubusercontent.com/MianAliKhalid/Vite- Project-Setup-Scripts-Collection/main/setup-vite- vanilla-js.ps1").Content</pre>	<pre><button https:="" main="" mianalikhalid="" onclick="navigator.clipboard.writeText('iex (iwr -useb " project-setup-scripts-collection="" raw.githubusercontent.com="" setup-vite-="" vanilla-js.ps1").content')"="" vite-="">Copy</button></pre>
Vanilla + TS	<pre>iex (iwr -useb "https://raw.githubusercontent.com/MianAliKhalid/Vite- Project-Setup-Scripts-Collection/main/setup-vite- vanilla-ts.ps1").Content</pre>	<pre><button https:="" main="" mianalikhalid="" onclick="navigator.clipboard.writeText('iex (iwr -useb " project-setup-scripts-collection="" raw.githubusercontent.com="" setup-vite-="" vanilla-ts.ps1").content')"="" vite-="">Copy</button></pre>
Marko + JS	<pre>iex (iwr -useb "https://raw.githubusercontent.com/MianAliKhalid/Vite- Project-Setup-Scripts-Collection/main/setup-vite- marko-js.ps1").Content</pre>	<pre><button https:="" main="" marko-js.ps1").content')"="" mianalikhalid="" onclick="navigator.clipboard.writeText('iex (iwr -useb " project-setup-scripts-collection="" raw.githubusercontent.com="" setup-vite-="" vite-="">Copy</button></pre>
Angular + JS	<pre>iex (iwr -useb "https://raw.githubusercontent.com/MianAliKhalid/Vite- Project-Setup-Scripts-Collection/main/setup-vite- angular-js.ps1").Content</pre>	<pre><button angular-js.ps1").content')"="" https:="" main="" mianalikhalid="" onclick="navigator.clipboard.writeText('iex (iwr -useb " project-setup-scripts-collection="" raw.githubusercontent.com="" setup-vite-="" vite-="">Copy</button></pre>
Qwik + JS	<pre>iex (iwr -useb "https://raw.githubusercontent.com/MianAliKhalid/Vite- Project-Setup-Scripts-Collection/main/setup-vite-qwik- js.ps1").Content</pre>	<pre><button https:="" js.ps1").content')"="" main="" mianalikhalid="" onclick="navigator.clipboard.writeText('iex (iwr -useb " project-setup-scripts-collection="" raw.githubusercontent.com="" setup-vite-qwik-="" vite-="">Copy</button></pre>

Script	Command	Сору
Full Stack	<pre>iex (iwr -useb "https://raw.githubusercontent.com/MianAliKhalid/Vite- Project-Setup-Scripts-Collection/main/setup-vite- frontend.ps1").Content</pre>	 -useb "https://raw.githubusercontent.com/MianAliKhalid/Vite-Project-Setup-Scripts-Collection/main/setup-vite-frontend.ps1").Content')">Copy
Generic/Template	<pre>iex (iwr -useb "https://raw.githubusercontent.com/MianAliKhalid/Vite- Project-Setup-Scripts-Collection/main/setup-vite- template.ps1").Content</pre>	 -useb "https://raw.githubusercontent.com/MianAliKhalid/Vite-Project-Setup-Scripts-Collection/main/setup-vite-template.ps1").Content')">Copy

Note: The copy button works in browsers that support the Clipboard API (like Chrome/Edge). If it doesn't work, just manually copy the command from the table.