

Vite Project Setup Scripts Collection

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

 STARS **1**

 FORKS **0**

 ISSUES **0 OPEN**

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POWERSHELL

 **VITE**

 **NODE.JS**

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Features

Ultra-Fast Setup

Bootstrap complete projects in under 30 seconds

Modern Stack

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

Zero 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

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

► **React + JavaScript (Most Popular)**

```
# 🚀 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**

```
# 🚀 TypeScript-powered React
iex (iwr -useb "https://raw.githubusercontent.com/MianAliKhalid/Vite-Project-Setup-Scripts-Collection/main/setup-vite-react-ts.ps1").Content
```

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

Vue.js Projects

► **Vue 3 + JavaScript**

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

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
📦 React	JavaScript	setup-vite-react-js.ps1	Router, Tailwind, Icons	SPAs, Dashboards
📦 React	TypeScript	setup-vite-react-ts.ps1	Router, Tailwind, Types	Enterprise Apps
👋 Vue.js	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

Framework	Language	Script	Features	Best For
 Vanilla	JavaScript	<code>setup-vite-vanilla-js.ps1</code>	Minimal Setup	Learning, Prototypes
 Full Stack	JavaScript	<code>setup-vite-frontend.ps1</code>	API Ready, Advanced	Full Applications
 Generic	Configurable	<code>setup-vite-template.ps1</code>	Interactive Choice	Custom Requirements

Comprehensive Guide

Custom Parameters

All scripts support powerful customization options:

```
# 🚧 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"

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

Parameter Reference

► Common Parameters (All Scripts)

Parameter	Type	Default	Description
<code>-ProjectName</code>	String	<code>"frontend"</code>	Project directory name
<code>-SkipGit</code>	Switch	<code>false</code>	Skip Git repository initialization
<code>-SkipAutoStart</code>	Switch	<code>false</code>	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

Usage Examples

► 🎯 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

```
# 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:

- 🎨 **Tailwind CSS** - Utility-first styling
- 📱 **Responsive Design** - Mobile-first components
- 🔄 **Hot Module Replacement** - Instant development feedback
- 📦 **Optimized Build** - Production-ready bundles
- 🛠️ **Testing Setup** - Ready for unit tests

-  **Documentation** - Comprehensive README

Project Structure

```
└─ your-project-name/
  └─ public/                # Static assets
  └─ src/
    └─ components/         # Reusable UI components
    └─ pages/              # Route components (React)
    └─ lib/                # Utilities and helpers
    └─ App.jsx              # Main application component
    └─ main.jsx             # Application entry point
    └─ index.css            # Global styles
  └─ .env                  # Environment variables
  └─ .gitignore             # Git ignore rules
  └─ .editorconfig          # Editor configuration
  └─ LICENSE                # MIT license
  └─ README.md              # Project documentation
  └─ package.json           # Dependencies and scripts
  └─ vite.config.js         # Vite configuration
  └─ tailwind.config.js     # Tailwind CSS config
  └─ postcss.config.js     # PostCSS configuration
```

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
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

▶ 🔑 Common Issues & 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
```

► Getting Help

1.  **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.






Contributing

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

Quick Contribution

1.  **Fork** the repository
2.  **Create** 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
-  **Templates:** Create new project templates

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

Something went wrong! file an issue at <https://tiny.one/readme-stats>

User Repository Not found

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](#)

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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

You can copy any script link below and run it directly in PowerShell:

Script	Raw Link
React + JS	https://raw.githubusercontent.com/MianAliKhalid/Vite-Project-Setup-Scripts-Collection/main/setup-vite-react-js.ps1
React + TS	https://raw.githubusercontent.com/MianAliKhalid/Vite-Project-Setup-Scripts-Collection/main/setup-vite-react-ts.ps1
Vue + JS	https://raw.githubusercontent.com/MianAliKhalid/Vite-Project-Setup-Scripts-Collection/main/setup-vite-vue-js.ps1
Vue + TS	https://raw.githubusercontent.com/MianAliKhalid/Vite-Project-Setup-Scripts-Collection/main/setup-vite-vue-ts.ps1
Svelte + JS	https://raw.githubusercontent.com/MianAliKhalid/Vite-Project-Setup-Scripts-Collection/main/setup-vite-svelte-js.ps1
Svelte + TS	https://raw.githubusercontent.com/MianAliKhalid/Vite-Project-Setup-Scripts-Collection/main/setup-vite-svelte-ts.ps1
Solid + JS	https://raw.githubusercontent.com/MianAliKhalid/Vite-Project-Setup-Scripts-Collection/main/setup-vite-solid-js.ps1
Solid + TS	https://raw.githubusercontent.com/MianAliKhalid/Vite-Project-Setup-Scripts-Collection/main/setup-vite-solid-ts.ps1
Preact + JS	https://raw.githubusercontent.com/MianAliKhalid/Vite-Project-Setup-Scripts-Collection/main/setup-vite-preact-js.ps1
Preact + TS	https://raw.githubusercontent.com/MianAliKhalid/Vite-Project-Setup-Scripts-Collection/main/setup-vite-preact-ts.ps1
Lit + JS	https://raw.githubusercontent.com/MianAliKhalid/Vite-Project-Setup-Scripts-Collection/main/setup-vite-lit-js.ps1
Lit + TS	https://raw.githubusercontent.com/MianAliKhalid/Vite-Project-Setup-Scripts-Collection/main/setup-vite-lit-ts.ps1
Vanilla + JS	https://raw.githubusercontent.com/MianAliKhalid/Vite-Project-Setup-Scripts-Collection/main/setup-vite-vanilla-js.ps1
Vanilla + TS	https://raw.githubusercontent.com/MianAliKhalid/Vite-Project-Setup-Scripts-Collection/main/setup-vite-vanilla-ts.ps1
Marko + JS	https://raw.githubusercontent.com/MianAliKhalid/Vite-Project-Setup-Scripts-Collection/main/setup-vite-marko-js.ps1
Angular + JS	https://raw.githubusercontent.com/MianAliKhalid/Vite-Project-Setup-Scripts-Collection/main/setup-vite-angular-js.ps1
Qwik + JS	https://raw.githubusercontent.com/MianAliKhalid/Vite-Project-Setup-Scripts-Collection/main/setup-vite-qwik-js.ps1

Script	Raw Link
Full Stack	https://raw.githubusercontent.com/MianAliKhalid/Vite-Project-Setup-Scripts-Collection/main/setup-vite-frontend.ps1
Generic/Template	https://raw.githubusercontent.com/MianAliKhalid/Vite-Project-Setup-Scripts-Collection/main/setup-vite-template.ps1

How to use:

1. **Copy the Raw Link** for your desired script (just the URL, not a clickable link).
2. **In VS Code or PowerShell**, run:

```
iex (iwr -useb "PASTE_RAW_LINK_HERE").Content
```

Example:

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

3. **Your project will be set up automatically!**

⚠ If you get a 404 Not Found error

- The script file may not exist at the raw URL.
 - Double-check the spelling, file extension, and that the file is pushed to the **main** branch.
 - If the script exists in the GitHub UI but not at the raw link, click the file in GitHub, click **Raw**, copy all content, and paste it into a **.ps1** file in VS Code, then run it.
-