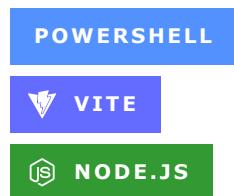
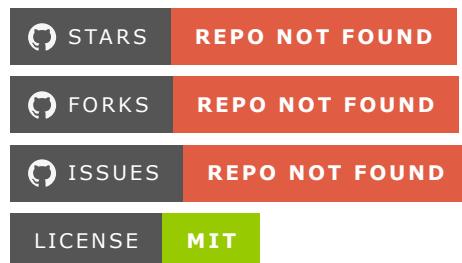


Vite Project Setup Scripts Collection

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



 [Quick Start](#) •  [Documentation](#) •  [Contributing](#) •  [Community](#)

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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	setup-vite-vanilla-.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:

```
# 🌐 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
-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

💡 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

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.

MIT License - Free for personal and commercial use

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.

▶ **setup-vite-react-js.ps1**

```

# filepath: d:\tools\setup-vite-react-js.ps1
param(
    [string]$ProjectName = "frontend",
    [switch]$SkipGit,
    [switch]$SkipAutoStart
)

# 🎉 Welcome to Vite Project Setup Scripts!

# This script will quickly set up a Vite project with React and JavaScript.
# Let's get started!

# --- Step 1: Environment Setup ---

# Ensure PowerShell is running as Administrator
if (-not ([Security.Principal.WindowsPrincipal]
[Security.Principal.WindowsIdentity]::GetCurrent()).IsInRole([Security.Principa
l.WindowsBuiltInRole]::Administrator)) {
    Write-Host "Please run PowerShell as Administrator." -ForegroundColor Red
    exit
}

# --- Step 2: Install Vite ---

# Check if Vite is already installed
$viteInstalled = Get-Command vite -ErrorAction SilentlyContinue

if (-not $viteInstalled) {
    Write-Host "Vite is not installed. Installing globally..." -ForegroundColor Yellow
    npm install -g create-vite
} else {
    Write-Host "Vite is already installed. Skipping installation." -
    ForegroundColor Green
}

# --- Step 3: Create Vite Project ---

# Set project name
if (-not $ProjectName) {
    $ProjectName = "my-vite-app"
}

# Create Vite project with React template
npm create vite@"latest" $ProjectName --template react

# --- Step 4: Install Dependencies ---

# Navigate to project directory
cd $ProjectName

```

```

# Install project dependencies
npm install

# --- Step 5: Configure Tailwind CSS ---

# Install Tailwind CSS and dependencies
npm install -D tailwindcss postcss autoprefixer

# Initialize Tailwind CSS
npx tailwindcss init -p

# Add Tailwind CSS to your CSS
Add-Content -Path "src/index.css" -Value "@tailwind base; @tailwind components;
@tailwind utilities;"

# --- Step 6: Setup ESLint ---

# Install ESLint and Prettier
npm install -D eslint eslint-plugin-react eslint-plugin-react-hooks prettier
eslint-config-prettier

# Initialize ESLint
npx eslint --init

# --- Step 7: Git Initialization ---

# Initialize a new Git repository
git init

# --- Step 8: Start Development Server ---

# Start the Vite development server
npm run dev

# 🎉 Your Vite project with React and JavaScript is ready! Open it in your
# browser at http://localhost:5173

```

► setup-vite-react-ts.ps1

```

# filepath: d:\tools\setup-vite-react-ts.ps1
param(
    [string]$ProjectName = "frontend",
    [switch]$SkipGit,
    [switch]$SkipAutoStart
)

# 🎉 Welcome to Vite Project Setup Scripts!

# This script will quickly set up a Vite project with React and TypeScript.
# Let's get started!

```

```

# --- Step 1: Environment Setup ---

# Ensure PowerShell is running as Administrator
if (-not ([Security.Principal.WindowsPrincipal]
[Security.Principal.WindowsIdentity]::GetCurrent()).IsInRole([Security.Principa
l.WindowsBuiltInRole]::Administrator)) {
    Write-Host "Please run PowerShell as Administrator." -ForegroundColor Red
    exit
}

# --- Step 2: Install Vite ---

# Check if Vite is already installed
$viteInstalled = Get-Command vite -ErrorAction SilentlyContinue

if (-not $viteInstalled) {
    Write-Host "Vite is not installed. Installing globally..." -ForegroundColor
Yellow
    npm install -g create-vite
} else {
    Write-Host "Vite is already installed. Skipping installation." -
ForegroundColor Green
}

# --- Step 3: Create Vite Project ---

# Set project name
if (-not $ProjectName) {
    $ProjectName = "my-vite-app"
}

# Create Vite project with React + TypeScript template
npm create vite@"latest" $ProjectName --template react-ts

# --- Step 4: Install Dependencies ---

# Navigate to project directory
cd $ProjectName

# Install project dependencies
npm install

# --- Step 5: Configure Tailwind CSS ---

# Install Tailwind CSS and dependencies
npm install -D tailwindcss postcss autoprefixer

# Initialize Tailwind CSS
npx tailwindcss init -p

# Add Tailwind CSS to your CSS
Add-Content -Path "src/index.css" -Value "@tailwind base; @tailwind components;
@tailwind utilities;"
```

```

# --- Step 6: Setup ESLint ---

# Install ESLint and Prettier
npm install -D eslint eslint-plugin-react eslint-plugin-react-hooks prettier
eslint-config-prettier

# Initialize ESLint
npx eslint --init

# --- Step 7: Git Initialization ---

# Initialize a new Git repository
git init

# --- Step 8: Start Development Server ---

# Start the Vite development server
npm run dev

# 🎉 Your Vite project with React and TypeScript is ready! Open it in your
# browser at http://localhost:5173

```

► setup-vite-vue-js.ps1

```

# filepath: d:\tools\setup-vite-vue-js.ps1
param(
    [string]$ProjectName = "frontend",
    [switch]$SkipGit,
    [switch]$SkipAutoStart
)

# 🎉 Welcome to Vite Project Setup Scripts!

# This script will quickly set up a Vite project with Vue.js and JavaScript.
# Let's get started!

# --- Step 1: Environment Setup ---

# Ensure PowerShell is running as Administrator
if (-not ([Security.Principal.WindowsPrincipal]
[Security.Principal.WindowsIdentity]::GetCurrent()).IsInRole([Security.Principa
l.WindowsBuiltInRole]::Administrator)) {
    Write-Host "Please run PowerShell as Administrator." -ForegroundColor Red
    exit
}

# --- Step 2: Install Vite ---

# Check if Vite is already installed
$viteInstalled = Get-Command vite -ErrorAction SilentlyContinue

```

```

if (-not $viteInstalled) {
    Write-Host "Vite is not installed. Installing globally..." -ForegroundColor Yellow
    npm install -g create-vite
} else {
    Write-Host "Vite is already installed. Skipping installation." -ForegroundColor Green
}

# --- Step 3: Create Vite Project ---

# Set project name
if (-not $ProjectName) {
    $ProjectName = "my-vite-app"
}

# Create Vite project with Vue.js template
npm create vite@"latest" $ProjectName --template vue

# --- Step 4: Install Dependencies ---

# Navigate to project directory
cd $ProjectName

# Install project dependencies
npm install

# --- Step 5: Configure Tailwind CSS ---

# Install Tailwind CSS and dependencies
npm install -D tailwindcss postcss autoprefixer

# Initialize Tailwind CSS
npx tailwindcss init -p

# Add Tailwind CSS to your CSS
Add-Content -Path "src/assets/main.css" -Value "@tailwind base; @tailwind components; @tailwind utilities;"

# --- Step 6: Setup ESLint ---

# Install ESLint and Prettier
npm install -D eslint eslint-plugin-vue prettier eslint-config-prettier

# Initialize ESLint
npx eslint --init

# --- Step 7: Git Initialization ---

# Initialize a new Git repository
git init

```

```

# --- Step 8: Start Development Server ---

# Start the Vite development server
npm run dev

# 🎉 Your Vite project with Vue.js and JavaScript is ready! Open it in your
# browser at http://localhost:5173

```

► setup-vite-vue-ts.ps1

```

# filepath: d:\tools\setup-vite-vue-ts.ps1
param(
    [string]$ProjectName = "frontend",
    [switch]$SkipGit,
    [switch]$SkipAutoStart
)

# 🎉 Welcome to Vite Project Setup Scripts!

# This script will quickly set up a Vite project with Vue.js and TypeScript.
# Let's get started!

# --- Step 1: Environment Setup ---

# Ensure PowerShell is running as Administrator
if (-not ([Security.Principal.WindowsPrincipal]
[Security.Principal.WindowsIdentity]::GetCurrent()).IsInRole([Security.Principa
l.WindowsBuiltInRole]::Administrator)) {
    Write-Host "Please run PowerShell as Administrator." -ForegroundColor Red
    exit
}

# --- Step 2: Install Vite ---

# Check if Vite is already installed
$viteInstalled = Get-Command vite -ErrorAction SilentlyContinue

if (-not $viteInstalled) {
    Write-Host "Vite is not installed. Installing globally..." -ForegroundColor Yellow
    npm install -g create-vite
} else {
    Write-Host "Vite is already installed. Skipping installation." -
    ForegroundColor Green
}

# --- Step 3: Create Vite Project ---

# Set project name
if (-not $ProjectName) {
    $ProjectName = "my-vite-app"
}

```

```

}

# Create Vite project with Vue.js + TypeScript template
npm create vite@"latest" $ProjectName --template vue-ts

# --- Step 4: Install Dependencies ---

# Navigate to project directory
cd $ProjectName

# Install project dependencies
npm install

# --- Step 5: Configure Tailwind CSS ---

# Install Tailwind CSS and dependencies
npm install -D tailwindcss postcss autoprefixer

# Initialize Tailwind CSS
npx tailwindcss init -p

# Add Tailwind CSS to your CSS
Add-Content -Path "src/assets/main.css" -Value "@tailwind base; @tailwind components; @tailwind utilities;"

# --- Step 6: Setup ESLint ---

# Install ESLint and Prettier
npm install -D eslint eslint-plugin-vue prettier eslint-config-prettier

# Initialize ESLint
npx eslint --init

# --- Step 7: Git Initialization ---

# Initialize a new Git repository
git init

# --- Step 8: Start Development Server ---

# Start the Vite development server
npm run dev

# 🎉 Your Vite project with Vue.js and TypeScript is ready! Open it in your browser at http://localhost:5173

```

► setup-vite-svelte-js.ps1

```

# filepath: d:\tools\setup-vite-svelte-js.ps1
param(
    [string]$ProjectName = "frontend",

```

```

[switch]$SkipGit,
[switch]$SkipAutoStart
)

# 🎉 Welcome to Vite Project Setup Scripts!

# This script will quickly set up a Vite project with Svelte and JavaScript.
# Let's get started!

# --- Step 1: Environment Setup ---

# Ensure PowerShell is running as Administrator
if (-not ([Security.Principal.WindowsPrincipal]
[Security.Principal.WindowsIdentity]::GetCurrent()).IsInRole([Security.Principa
l.WindowsBuiltInRole]::Administrator)) {
    Write-Host "Please run PowerShell as Administrator." -ForegroundColor Red
    exit
}

# --- Step 2: Install Vite ---

# Check if Vite is already installed
$viteInstalled = Get-Command vite -ErrorAction SilentlyContinue

if (-not $viteInstalled) {
    Write-Host "Vite is not installed. Installing globally..." -ForegroundColor Yellow
    npm install -g create-vite
} else {
    Write-Host "Vite is already installed. Skipping installation." -
    ForegroundColor Green
}

# --- Step 3: Create Vite Project ---

# Set project name
if (-not $ProjectName) {
    $ProjectName = "my-vite-app"
}

# Create Vite project with Svelte template
npm create vite@"latest" $ProjectName --template svelte

# --- Step 4: Install Dependencies ---

# Navigate to project directory
cd $ProjectName

# Install project dependencies
npm install

# --- Step 5: Configure Tailwind CSS ---

```

```

# Install Tailwind CSS and dependencies
npm install -D tailwindcss postcss autoprefixer

# Initialize Tailwind CSS
npx tailwindcss init -p

# Add Tailwind CSS to your CSS
Add-Content -Path "src/app.css" -Value "@tailwind base; @tailwind components;
@tailwind utilities;"

# --- Step 6: Setup ESLint ---

# Install ESLint and Prettier
npm install -D eslint eslint-plugin-svelte3 prettier eslint-config-prettier

# Initialize ESLint
npx eslint --init

# --- Step 7: Git Initialization ---

# Initialize a new Git repository
git init

# --- Step 8: Start Development Server ---

# Start the Vite development server
npm run dev

# 🎉 Your Vite project with Svelte and JavaScript is ready! Open it in your
browser at http://localhost:5173

```

► setup-vite-svelte-ts.ps1

```

# filepath: d:\tools\setup-vite-svelte-ts.ps1
param(
    [string]$ProjectName = "frontend",
    [switch]$SkipGit,
    [switch]$SkipAutoStart
)

# 🎉 Welcome to Vite Project Setup Scripts!

# This script will quickly set up a Vite project with Svelte and TypeScript.
# Let's get started!

# --- Step 1: Environment Setup ---

# Ensure PowerShell is running as Administrator
if (-not ([Security.Principal.WindowsPrincipal]
[Security.Principal.WindowsIdentity]::GetCurrent()).IsInRole([Security.Principa
l.WindowsBuiltInRole]::Administrator)) {

```

```

        Write-Host "Please run PowerShell as Administrator." -ForegroundColor Red
        exit
    }

# --- Step 2: Install Vite ---

# Check if Vite is already installed
$viteInstalled = Get-Command vite -ErrorAction SilentlyContinue

if (-not $viteInstalled) {
    Write-Host "Vite is not installed. Installing globally..." -ForegroundColor Yellow
    npm install -g create-vite
} else {
    Write-Host "Vite is already installed. Skipping installation." -ForegroundColor Green
}

# --- Step 3: Create Vite Project ---

# Set project name
if (-not $ProjectName) {
    $ProjectName = "my-vite-app"
}

# Create Vite project with Svelte + TypeScript template
npm create vite@"latest" $ProjectName --template svelte-ts

# --- Step 4: Install Dependencies ---

# Navigate to project directory
cd $ProjectName

# Install project dependencies
npm install

# --- Step 5: Configure Tailwind CSS ---

# Install Tailwind CSS and dependencies
npm install -D tailwindcss postcss autoprefixer

# Initialize Tailwind CSS
npx tailwindcss init -p

# Add Tailwind CSS to your CSS
Add-Content -Path "src/app.css" -Value "@tailwind base; @tailwind components;
@tailwind utilities;"

# --- Step 6: Setup ESLint ---

# Install ESLint and Prettier
npm install -D eslint eslint-plugin-svelte3 prettier eslint-config-prettier

```

```

# Initialize ESLint
npx eslint --init

# --- Step 7: Git Initialization ---

# Initialize a new Git repository
git init

# --- Step 8: Start Development Server ---

# Start the Vite development server
npm run dev

# 🎉 Your Vite project with Svelte and TypeScript is ready! Open it in your
browser at http://localhost:5173

```

► setup-vite-solid-js.ps1

```

# filepath: d:\tools\setup-vite-solid-js.ps1
param(
    [string]$ProjectName = "frontend",
    [switch]$SkipGit,
    [switch]$SkipAutoStart
)

# 🎉 Welcome to Vite Project Setup Scripts!

# This script will quickly set up a Vite project with Solid.js and JavaScript.
# Let's get started!

# --- Step 1: Environment Setup ---

# Ensure PowerShell is running as Administrator
if (-not ([Security.Principal.WindowsPrincipal]
[Security.Principal.WindowsIdentity]::GetCurrent()).IsInRole([Security.Principa
l.WindowsBuiltInRole]::Administrator)) {
    Write-Host "Please run PowerShell as Administrator." -ForegroundColor Red
    exit
}

# --- Step 2: Install Vite ---

# Check if Vite is already installed
$viteInstalled = Get-Command vite -ErrorAction SilentlyContinue

if (-not $viteInstalled) {
    Write-Host "Vite is not installed. Installing globally..." -ForegroundColor Yellow
    npm install -g create-vite
} else {
    Write-Host "Vite is already installed. Skipping installation." -

```

```
ForegroundColor Green
}

# --- Step 3: Create Vite Project ---

# Set project name
if (-not $ProjectName) {
    $ProjectName = "my-vite-app"
}

# Create Vite project with Solid.js template
npm create vite@"latest" $ProjectName --template solid

# --- Step 4: Install Dependencies ---

# Navigate to project directory
cd $ProjectName

# Install project dependencies
npm install

# --- Step 5: Configure Tailwind CSS ---

# Install Tailwind CSS and dependencies
npm install -D tailwindcss postcss autoprefixer

# Initialize Tailwind CSS
npx tailwindcss init -p

# Add Tailwind CSS to your CSS
Add-Content -Path "src/index.css" -Value "@tailwind base; @tailwind components;
@tailwind utilities;"

# --- Step 6: Setup ESLint ---

# Install ESLint and Prettier
npm install -D eslint eslint-plugin-solid eslint-plugin-react eslint-plugin-
react-hooks prettier eslint-config-prettier

# Initialize ESLint
npx eslint --init

# --- Step 7: Git Initialization ---

# Initialize a new Git repository
git init

# --- Step 8: Start Development Server ---

# Start the Vite development server
npm run dev
```

```
# 🎉 Your Vite project with Solid.js and JavaScript is ready! Open it in your browser at http://localhost:5173
```

► setup-vite-solid-ts.ps1

```
# filepath: d:\tools\setup-vite-solid-ts.ps1
param(
    [string]$ProjectName = "frontend",
    [switch]$SkipGit,
    [switch]$SkipAutoStart
)

# 🎉 Welcome to Vite Project Setup Scripts!

# This script will quickly set up a Vite project with Solid.js and TypeScript.
# Let's get started!

# --- Step 1: Environment Setup ---

# Ensure PowerShell is running as Administrator
if (-not ([Security.Principal.WindowsPrincipal]
[Security.Principal.WindowsIdentity]::GetCurrent()).IsInRole([Security.Principal.WindowsBuiltInRole]::Administrator)) {
    Write-Host "Please run PowerShell as Administrator." -ForegroundColor Red
    exit
}

# --- Step 2: Install Vite ---

# Check if Vite is already installed
$viteInstalled = Get-Command vite -ErrorAction SilentlyContinue

if (-not $viteInstalled) {
    Write-Host "Vite is not installed. Installing globally..." -ForegroundColor Yellow
    npm install -g create-vite
} else {
    Write-Host "Vite is already installed. Skipping installation." -ForegroundColor Green
}

# --- Step 3: Create Vite Project ---

# Set project name
if (-not $ProjectName) {
    $ProjectName = "my-vite-app"
}

# Create Vite project with Solid.js + TypeScript template
npm create vite@"latest" $ProjectName --template solid-ts
```

```

# --- Step 4: Install Dependencies ---

# Navigate to project directory
cd $ProjectName

# Install project dependencies
npm install

# --- Step 5: Configure Tailwind CSS ---

# Install Tailwind CSS and dependencies
npm install -D tailwindcss postcss autoprefixer

# Initialize Tailwind CSS
npx tailwindcss init -p

# Add Tailwind CSS to your CSS
Add-Content -Path "src/index.css" -Value "@tailwind base; @tailwind components;
@tailwind utilities;"

# --- Step 6: Setup ESLint ---

# Install ESLint and Prettier
npm install -D eslint eslint-plugin-solid eslint-plugin-react eslint-plugin-
react-hooks prettier eslint-config-prettier

# Initialize ESLint
npx eslint --init

# --- Step 7: Git Initialization ---

# Initialize a new Git repository
git init

# --- Step 8: Start Development Server ---

# Start the Vite development server
npm run dev

# 🎉 Your Vite project with Solid.js and TypeScript is ready! Open it in your
browser at http://localhost:5173

```

► setup-vite-preact-js.ps1

```

# filepath: d:\tools\setup-vite-preact-js.ps1
param(
    [string]$ProjectName = "frontend",
    [switch]$SkipGit,
    [switch]$SkipAutoStart
)

```

```

# 🎉 Welcome to Vite Project Setup Scripts!

# This script will quickly set up a Vite project with Preact and JavaScript.
# Let's get started!

# --- Step 1: Environment Setup ---

# Ensure PowerShell is running as Administrator
if (-not ([Security.Principal.WindowsPrincipal]
[Security.Principal.WindowsIdentity]::GetCurrent()).IsInRole([Security.Principa
l.WindowsBuiltInRole]::Administrator)) {
    Write-Host "Please run PowerShell as Administrator." -ForegroundColor Red
    exit
}

# --- Step 2: Install Vite ---

# Check if Vite is already installed
$viteInstalled = Get-Command vite -ErrorAction SilentlyContinue

if (-not $viteInstalled) {
    Write-Host "Vite is not installed. Installing globally..." -ForegroundColor Yellow
    npm install -g create-vite
} else {
    Write-Host "Vite is already installed. Skipping installation." -
    ForegroundColor Green
}

# --- Step 3: Create Vite Project ---

# Set project name
if (-not $ProjectName) {
    $ProjectName = "my-vite-app"
}

# Create Vite project with Preact template
npm create vite@"latest" $ProjectName --template preact

# --- Step 4: Install Dependencies ---

# Navigate to project directory
cd $ProjectName

# Install project dependencies
npm install

# --- Step 5: Configure Tailwind CSS ---

# Install Tailwind CSS and dependencies
npm install -D tailwindcss postcss autoprefixer

# Initialize Tailwind CSS

```

```

npx tailwindcss init -p

# Add Tailwind CSS to your CSS
Add-Content -Path "src/index.css" -Value "@tailwind base; @tailwind components;
@tailwind utilities;"

# --- Step 6: Setup ESLint ---

# Install ESLint and Prettier
npm install -D eslint eslint-plugin-preact prettier eslint-config-prettier

# Initialize ESLint
npx eslint --init

# --- Step 7: Git Initialization ---

# Initialize a new Git repository
git init

# --- Step 8: Start Development Server ---

# Start the Vite development server
npm run dev

# 🎉 Your Vite project with Preact and JavaScript is ready! Open it in your
# browser at http://localhost:5173

```

► setup-vite-preact-ts.ps1

```

# filepath: d:\tools\setup-vite-preact-ts.ps1
param(
    [string]$ProjectName = "frontend",
    [switch]$SkipGit,
    [switch]$SkipAutoStart
)

# 🎉 Welcome to Vite Project Setup Scripts!

# This script will quickly set up a Vite project with Preact and TypeScript.
# Let's get started!

# --- Step 1: Environment Setup ---

# Ensure PowerShell is running as Administrator
if (-not ([Security.Principal.WindowsPrincipal]
[Security.Principal.WindowsIdentity]::GetCurrent()).IsInRole([Security.Principa
l.WindowsBuiltInRole]::Administrator)) {
    Write-Host "Please run PowerShell as Administrator." -ForegroundColor Red
    exit
}

```

```

# --- Step 2: Install Vite ---

# Check if Vite is already installed
$viteInstalled = Get-Command vite -ErrorAction SilentlyContinue

if (-not $viteInstalled) {
    Write-Host "Vite is not installed. Installing globally..." -ForegroundColor Yellow
    npm install -g create-vite
} else {
    Write-Host "Vite is already installed. Skipping installation." -ForegroundColor Green
}

# --- Step 3: Create Vite Project ---

# Set project name
if (-not $ProjectName) {
    $ProjectName = "my-vite-app"
}

# Create Vite project with Preact + TypeScript template
npm create vite@"latest" $ProjectName --template preact-ts

# --- Step 4: Install Dependencies ---

# Navigate to project directory
cd $ProjectName

# Install project dependencies
npm install

# --- Step 5: Configure Tailwind CSS ---

# Install Tailwind CSS and dependencies
npm install -D tailwindcss postcss autoprefixer

# Initialize Tailwind CSS
npx tailwindcss init -p

# Add Tailwind CSS to your CSS
Add-Content -Path "src/index.css" -Value "@tailwind base; @tailwind components;
@tailwind utilities;" -Encoding UTF8

# --- Step 6: Setup ESLint ---

# Install ESLint and Prettier
npm install -D eslint eslint-plugin-preact prettier eslint-config-prettier

# Initialize ESLint
npx eslint --init

# --- Step 7: Git Initialization ---


```

```

# Initialize a new Git repository
git init

# --- Step 8: Start Development Server ---

# Start the Vite development server
npm run dev

# 🎉 Your Vite project with Preact and TypeScript is ready! Open it in your
# browser at http://localhost:5173

```

► setup-vite-lit-js.ps1

```

# filepath: d:\tools\setup-vite-lit-js.ps1
param(
    [string]$ProjectName = "frontend",
    [switch]$SkipGit,
    [switch]$SkipAutoStart
)

# 🎉 Welcome to Vite Project Setup Scripts!

# This script will quickly set up a Vite project with Lit and JavaScript.
# Let's get started!

# --- Step 1: Environment Setup ---

# Ensure PowerShell is running as Administrator
if (-not ([Security.Principal.WindowsPrincipal]
[Security.Principal.WindowsIdentity]::GetCurrent()).IsInRole([Security.Principa
l.WindowsBuiltInRole]::Administrator)) {
    Write-Host "Please run PowerShell as Administrator." -ForegroundColor Red
    exit
}

# --- Step 2: Install Vite ---

# Check if Vite is already installed
$viteInstalled = Get-Command vite -ErrorAction SilentlyContinue

if (-not $viteInstalled) {
    Write-Host "Vite is not installed. Installing globally..." -ForegroundColor Yellow
    npm install -g create-vite
} else {
    Write-Host "Vite is already installed. Skipping installation." -
    ForegroundColor Green
}

# --- Step 3: Create Vite Project ---

```

```

# Set project name
if (-not $ProjectName) {
    $ProjectName = "my-vite-app"
}

# Create Vite project with Lit template
npm create vite@"latest" $ProjectName --template lit

# --- Step 4: Install Dependencies ---

# Navigate to project directory
cd $ProjectName

# Install project dependencies
npm install

# --- Step 5: Configure Tailwind CSS ---

# Install Tailwind CSS and dependencies
npm install -D tailwindcss postcss autoprefixer

# Initialize Tailwind CSS
npx tailwindcss init -p

# Add Tailwind CSS to your CSS
Add-Content -Path "src/styles.css" -Value "@tailwind base; @tailwind components; @tailwind utilities;"

# --- Step 6: Setup ESLint ---

# Install ESLint and Prettier
npm install -D eslint prettier eslint-config-prettier

# Initialize ESLint
npx eslint --init

# --- Step 7: Git Initialization ---

# Initialize a new Git repository
git init

# --- Step 8: Start Development Server ---

# Start the Vite development server
npm run dev

# 🎉 Your Vite project with Lit and JavaScript is ready! Open it in your browser at http://localhost:5173

```

► setup-vite-lit-ts.ps1

```

# filepath: d:\tools\setup-vite-lit-ts.ps1
param(
    [string]$ProjectName = "frontend",
    [switch]$SkipGit,
    [switch]$SkipAutoStart
)

# 🎉 Welcome to Vite Project Setup Scripts!

# This script will quickly set up a Vite project with Lit and TypeScript.
# Let's get started!

# --- Step 1: Environment Setup ---

# Ensure PowerShell is running as Administrator
if (-not ([Security.Principal.WindowsPrincipal]
[Security.Principal.WindowsIdentity]::GetCurrent()).IsInRole([Security.Principa
l.WindowsBuiltInRole]::Administrator)) {
    Write-Host "Please run PowerShell as Administrator." -ForegroundColor Red
    exit
}

# --- Step 2: Install Vite ---

# Check if Vite is already installed
$viteInstalled = Get-Command vite -ErrorAction SilentlyContinue

if (-not $viteInstalled) {
    Write-Host "Vite is not installed. Installing globally..." -ForegroundColor Yellow
    npm install -g create-vite
} else {
    Write-Host "Vite is already installed. Skipping installation." -
    ForegroundColor Green
}

# --- Step 3: Create Vite Project ---

# Set project name
if (-not $ProjectName) {
    $ProjectName = "my-vite-app"
}

# Create Vite project with Lit + TypeScript template
npm create vite@"latest" $ProjectName --template lit-ts

# --- Step 4: Install Dependencies ---

# Navigate to project directory
cd $ProjectName

# Install project dependencies

```

```

npm install

# --- Step 5: Configure Tailwind CSS ---

# Install Tailwind CSS and dependencies
npm install -D tailwindcss postcss autoprefixer

# Initialize Tailwind CSS
npx tailwindcss init -p

# Add Tailwind CSS to your CSS
Add-Content -Path "src/styles.css" -Value "@tailwind base; @tailwind components; @tailwind utilities;"

# --- Step 6: Setup ESLint ---

# Install ESLint and Prettier
npm install -D eslint prettier eslint-config-prettier

# Initialize ESLint
npx eslint --init

# --- Step 7: Git Initialization ---

# Initialize a new Git repository
git init

# --- Step 8: Start Development Server ---

# Start the Vite development server
npm run dev

# 🎉 Your Vite project with Lit and TypeScript is ready! Open it in your browser at http://localhost:5173

```

► setup-vite-vanilla-js.ps1

```

# filepath: d:\tools\setup-vite-vanilla-js.ps1
param(
    [string]$ProjectName = "frontend",
    [switch]$SkipGit,
    [switch]$SkipAutoStart
)

# 🎉 Welcome to Vite Project Setup Scripts!

# This script will quickly set up a Vite project with Vanilla JavaScript.
# Let's get started!

# --- Step 1: Environment Setup ---

```

```

# Ensure PowerShell is running as Administrator
if (-not ([Security.Principal.WindowsPrincipal]
[Security.Principal.WindowsIdentity]::GetCurrent()).IsInRole([Security.Principa
l.WindowsBuiltInRole]::Administrator)) {
    Write-Host "Please run PowerShell as Administrator." -ForegroundColor Red
    exit
}

# --- Step 2: Install Vite ---

# Check if Vite is already installed
$viteInstalled = Get-Command vite -ErrorAction SilentlyContinue

if (-not $viteInstalled) {
    Write-Host "Vite is not installed. Installing globally..." -ForegroundColor
Yellow
    npm install -g create-vite
} else {
    Write-Host "Vite is already installed. Skipping installation." -
ForegroundColor Green
}

# --- Step 3: Create Vite Project ---

# Set project name
if (-not $ProjectName) {
    $ProjectName = "my-vite-app"
}

# Create Vite project with Vanilla JS template
npm create vite@"latest" $ProjectName --template vanilla

# --- Step 4: Install Dependencies ---

# Navigate to project directory
cd $ProjectName

# Install project dependencies
npm install

# --- Step 5: Configure Tailwind CSS ---

# Install Tailwind CSS and dependencies
npm install -D tailwindcss postcss autoprefixer

# Initialize Tailwind CSS
npx tailwindcss init -p

# Add Tailwind CSS to your CSS
Add-Content -Path "style.css" -Value "@tailwind base; @tailwind components;
@tailwind utilities;"

# --- Step 6: Setup ESLint ---

```

```

# Install ESLint and Prettier
npm install -D eslint prettier eslint-config-prettier

# Initialize ESLint
npx eslint --init

# --- Step 7: Git Initialization ---

# Initialize a new Git repository
git init

# --- Step 8: Start Development Server ---

# Start the Vite development server
npm run dev

# 🎉 Your Vite project with Vanilla JavaScript is ready! Open it in your
# browser at http://localhost:5173

```

► setup-vite-vanilla-ts.ps1

```

# filepath: d:\tools\setup-vite-vanilla-ts.ps1
param(
    [string]$ProjectName = "frontend",
    [switch]$SkipGit,
    [switch]$SkipAutoStart
)

# 🎉 Welcome to Vite Project Setup Scripts!

# This script will quickly set up a Vite project with Vanilla TypeScript.
# Let's get started!

# --- Step 1: Environment Setup ---

# Ensure PowerShell is running as Administrator
if (-not ([Security.Principal.WindowsPrincipal]
[Security.Principal.WindowsIdentity]::GetCurrent()).IsInRole([Security.Principa
l.WindowsBuiltInRole]::Administrator)) {
    Write-Host "Please run PowerShell as Administrator." -ForegroundColor Red
    exit
}

# --- Step 2: Install Vite ---

# Check if Vite is already installed
$viteInstalled = Get-Command vite -ErrorAction SilentlyContinue

if (-not $viteInstalled) {
    Write-Host "Vite is not installed. Installing globally..." -ForegroundColor

```

```

Yellow
    npm install -g create-vite
} else {
    Write-Host "Vite is already installed. Skipping installation." -
ForegroundColor Green
}

# --- Step 3: Create Vite Project ---

# Set project name
if (-not $ProjectName) {
    $ProjectName = "my-vite-app"
}

# Create Vite project with Vanilla TS template
npm create vite@"latest" $ProjectName --template vanilla-ts

# --- Step 4: Install Dependencies ---

# Navigate to project directory
cd $ProjectName

# Install project dependencies
npm install

# --- Step 5: Configure Tailwind CSS ---

# Install Tailwind CSS and dependencies
npm install -D tailwindcss postcss autoprefixer

# Initialize Tailwind CSS
npx tailwindcss init -p

# Add Tailwind CSS to your CSS
Add-Content -Path "style.css" -Value "@tailwind base; @tailwind components;
@tailwind utilities;"

# --- Step 6: Setup ESLint ---

# Install ESLint and Prettier
npm install -D eslint prettier eslint-config-prettier

# Initialize ESLint
npx eslint --init

# --- Step 7: Git Initialization ---

# Initialize a new Git repository
git init

# --- Step 8: Start Development Server ---

# Start the Vite development server

```

```
npm run dev

# 🎉 Your Vite project with Vanilla TypeScript is ready! Open it in your
# browser at http://localhost:5173
```

► setup-vite-marko-js.ps1

```
# filepath: d:\tools\setup-vite-marko-js.ps1
param(
    [string]$ProjectName = "frontend",
    [switch]$SkipGit,
    [switch]$SkipAutoStart
)

# 🎉 Welcome to Vite Project Setup Scripts!

# This script will quickly set up a Vite project with Marko and JavaScript.
# Let's get started!

# --- Step 1: Environment Setup ---

# Ensure PowerShell is running as Administrator
if (-not ([Security.Principal.WindowsPrincipal]
[Security.Principal.WindowsIdentity]::GetCurrent()).IsInRole([Security.Principa
l.WindowsBuiltInRole]::Administrator)) {
    Write-Host "Please run PowerShell as Administrator." -ForegroundColor Red
    exit
}

# --- Step 2: Install Vite ---

# Check if Vite is already installed
$viteInstalled = Get-Command vite -ErrorAction SilentlyContinue

if (-not $viteInstalled) {
    Write-Host "Vite is not installed. Installing globally..." -ForegroundColor Yellow
    npm install -g create-vite
} else {
    Write-Host "Vite is already installed. Skipping installation." -
    ForegroundColor Green
}

# --- Step 3: Create Vite Project ---

# Set project name
if (-not $ProjectName) {
    $ProjectName = "my-vite-app"
}

# Create Vite project with Marko template
```

```

npm create vite@"latest" $ProjectName --template marko

# --- Step 4: Install Dependencies ---

# Navigate to project directory
cd $ProjectName

# Install project dependencies
npm install

# --- Step 5: Configure Tailwind CSS ---

# Install Tailwind CSS and dependencies
npm install -D tailwindcss postcss autoprefixer

# Initialize Tailwind CSS
npx tailwindcss init -p

# Add Tailwind CSS to your CSS
Add-Content -Path "src/styles.css" -Value "@tailwind base; @tailwind components; @tailwind utilities;"

# --- Step 6: Setup ESLint ---

# Install ESLint and Prettier
npm install -D eslint prettier eslint-config-prettier

# Initialize ESLint
npx eslint --init

# --- Step 7: Git Initialization ---

# Initialize a new Git repository
git init

# --- Step 8: Start Development Server ---

# Start the Vite development server
npm run dev

# 🎉 Your Vite project with Marko and JavaScript is ready! Open it in your browser at http://localhost:5173

```

► setup-vite-angular-js.ps1

```

# filepath: d:\tools\setup-vite-angular-js.ps1
param(
    [string]$ProjectName = "frontend"
)

# 🎉 Welcome to Vite Project Setup Scripts!

```

```

# This script will quickly set up a Vite project with Angular and JavaScript.
# Let's get started!

# --- Step 1: Environment Setup ---

# Ensure PowerShell is running as Administrator
if (-not ([Security.Principal.WindowsPrincipal]
[Security.Principal.WindowsIdentity]::GetCurrent()).IsInRole([Security.Principa
l.WindowsBuiltInRole]::Administrator)) {
    Write-Host "Please run PowerShell as Administrator." -ForegroundColor Red
    exit
}

# --- Step 2: Install Vite ---

# Check if Vite is already installed
$viteInstalled = Get-Command vite -ErrorAction SilentlyContinue

if (-not $viteInstalled) {
    Write-Host "Vite is not installed. Installing globally..." -ForegroundColor Yellow
    npm install -g create-vite
} else {
    Write-Host "Vite is already installed. Skipping installation." -
    ForegroundColor Green
}

# --- Step 3: Create Vite Project ---

# Set project name
if (-not $ProjectName) {
    $ProjectName = "my-vite-app"
}

# Create Vite project with Angular template
npm create vite@"latest" $ProjectName --template angular

# --- Step 4: Install Dependencies ---

# Navigate to project directory
cd $ProjectName

# Install project dependencies
npm install

# --- Step 5: Configure Tailwind CSS ---

# Install Tailwind CSS and dependencies
npm install -D tailwindcss postcss autoprefixer

# Initialize Tailwind CSS
npx tailwindcss init -p

```

```

# Add Tailwind CSS to your CSS
Add-Content -Path "src/styles.css" -Value "@tailwind base; @tailwind
components; @tailwind utilities;"

# --- Step 6: Setup ESLint ---

# Install ESLint and Prettier
npm install -D eslint eslint-plugin-angular prettier eslint-config-prettier

# Initialize ESLint
npx eslint --init

# --- Step 7: Git Initialization ---

# Initialize a new Git repository
git init

# --- Step 8: Start Development Server ---

# Start the Vite development server
npm run dev

# 🎉 Your Vite project with Angular and JavaScript is ready! Open it in your
browser at http://localhost:5173

```

► setup-vite-qwik-js.ps1

```

# filepath: d:\tools\setup-vite-qwik-js.ps1
param(
    [string]$ProjectName = "frontend"
)

# 🎉 Welcome to Vite Project Setup Scripts!

# This script will quickly set up a Vite project with Qwik and JavaScript.
# Let's get started!

# --- Step 1: Environment Setup ---

# Ensure PowerShell is running as Administrator
if (-not ([Security.Principal.WindowsPrincipal]
[Security.Principal.WindowsIdentity]::GetCurrent()).IsInRole([Security.Principa
l.WindowsBuiltInRole]::Administrator)) {
    Write-Host "Please run PowerShell as Administrator." -ForegroundColor Red
    exit
}

# --- Step 2: Install Vite ---

# Check if Vite is already installed

```

```

$viteInstalled = Get-Command vite -ErrorAction SilentlyContinue

if (-not $viteInstalled) {
    Write-Host "Vite is not installed. Installing globally..." -ForegroundColor Yellow
    npm install -g create-vite
} else {
    Write-Host "Vite is already installed. Skipping installation." -ForegroundColor Green
}

# --- Step 3: Create Vite Project ---

# Set project name
if (-not $ProjectName) {
    $ProjectName = "my-vite-app"
}

# Create Vite project with Qwik template
npm create vite@"latest" $ProjectName --template qwik

# --- Step 4: Install Dependencies ---

# Navigate to project directory
cd $ProjectName

# Install project dependencies
npm install

# --- Step 5: Configure Tailwind CSS ---

# Install Tailwind CSS and dependencies
npm install -D tailwindcss postcss autoprefixer

# Initialize Tailwind CSS
npx tailwindcss init -p

# Add Tailwind CSS to your CSS
Add-Content -Path "src/styles.css" -Value "@tailwind base; @tailwind components; @tailwind utilities;"

# --- Step 6: Setup ESLint ---

# Install ESLint and Prettier
npm install -D eslint prettier eslint-config-prettier

# Initialize ESLint
npx eslint --init

# --- Step 7: Git Initialization ---

# Initialize a new Git repository
git init

```

```

# --- Step 8: Start Development Server ---

# Start the Vite development server
npm run dev

# 🎉 Your Vite project with Qwik and JavaScript is ready! Open it in your
# browser at http://localhost:5173

```

► setup-vite-template.ps1

```

# filepath: d:\tools\setup-vite-template.ps1
param(
    [string]$ProjectName = "frontend",
    [string]$Framework = "react",
    [string]$Variant = "js",
    [string]$ExtraPackages = "",
    [switch]$SkipGit,
    [switch]$SkipAutoStart
)

# 🎉 Welcome to Vite Project Setup Scripts!

# This script will help you create a Vite project with your choice of framework
# and language.
# Let's get started!

# --- Step 1: Environment Setup ---

# Ensure PowerShell is running as Administrator
if (-not ([Security.Principal.WindowsPrincipal]
[Security.Principal.WindowsIdentity]::GetCurrent()).IsInRole([Security.Principa
l.WindowsBuiltInRole]::Administrator)) {
    Write-Host "Please run PowerShell as Administrator." -ForegroundColor Red
    exit
}

# --- Step 2: Install Vite ---

# Check if Vite is already installed
$viteInstalled = Get-Command vite -ErrorAction SilentlyContinue

if (-not $viteInstalled) {
    Write-Host "Vite is not installed. Installing globally..." -ForegroundColor Yellow
    npm install -g create-vite
} else {
    Write-Host "Vite is already installed. Skipping installation." -
    ForegroundColor Green
}

```

```

# --- Step 3: Create Vite Project ---

# Set project name
if (-not $ProjectName) {
    $ProjectName = "my-vite-app"
}

# Create Vite project with selected framework and variant
npm create vite@"latest" $ProjectName --template "$Framework$Variant"

# --- Step 4: Install Dependencies ---

# Navigate to project directory
cd $ProjectName

# Install project dependencies
npm install

# --- Step 5: Install Extra Packages ---

# Install any additional packages specified by the user
if ($ExtraPackages) {
    npm install $ExtraPackages
}

# --- Step 6: Configure Tailwind CSS ---

# Install Tailwind CSS and dependencies
npm install -D tailwindcss postcss autoprefixer

# Initialize Tailwind CSS
npx tailwindcss init -p

# Add Tailwind CSS to your CSS
Add-Content -Path "src/index.css" -Value "@tailwind base; @tailwind components;
@tailwind utilities;"

# --- Step 7: Setup ESLint ---

# Install ESLint and Prettier
npm install -D eslint prettier eslint-config-prettier

# Initialize ESLint
npx eslint --init

# --- Step 8: Git Initialization ---

# Initialize a new Git repository if not skipped by the user
if (-not $SkipGit) {
    git init
}

# --- Step 9: Start Development Server ---


```

```

# Start the Vite development server unless skipped by the user
if (-not $SkipAutoStart) {
    npm run dev
}

# 🎉 Your Vite project is ready! Open it in your browser at
http://localhost:5173

```

► setup-vite-frontend.ps1

```

# filepath: d:\tools\setup-vite-frontend.ps1
param(
    [string]$ProjectName = "frontend",
    [switch]$SkipGit,
    [switch]$SkipAutoStart,
    [string]$ApiUrl = "http://localhost:3000/api"
)

# 🎉 Welcome to Vite Project Setup Scripts!

# This script will quickly set up a Vite project with a full-stack JavaScript
template.

# Let's get started!

# --- Step 1: Environment Setup ---

# Ensure PowerShell is running as Administrator
if (-not ([Security.Principal.WindowsPrincipal]
[Security.Principal.WindowsIdentity]::GetCurrent()).IsInRole([Security.Principa
l.WindowsBuiltInRole]::Administrator)) {
    Write-Host "Please run PowerShell as Administrator." -ForegroundColor Red
    exit
}

# --- Step 2: Install Vite ---

# Check if Vite is already installed
$viteInstalled = Get-Command vite -ErrorAction SilentlyContinue

if (-not $viteInstalled) {
    Write-Host "Vite is not installed. Installing globally..." -ForegroundColor Yellow
    npm install -g create-vite
} else {
    Write-Host "Vite is already installed. Skipping installation." -
    ForegroundColor Green
}

# --- Step 3: Create Vite Project ---

```

```

# Set project name
if (-not $ProjectName) {
    $ProjectName = "my-vite-app"
}

# Create Vite project with React + TypeScript template
npm create vite@"latest" $ProjectName --template react-ts

# --- Step 4: Install Dependencies ---

# Navigate to project directory
cd $ProjectName

# Install project dependencies
npm install

# --- Step 5: Install Full-Stack Dependencies ---

# Install additional packages for full-stack development
npm install express cors dotenv mongoose

# --- Step 6: Configure Tailwind CSS ---

# Install Tailwind CSS and dependencies
npm install -D tailwindcss postcss autoprefixer

# Initialize Tailwind CSS
npx tailwindcss init -p

# Add Tailwind CSS to your CSS
Add-Content -Path "src/index.css" -Value "@tailwind base; @tailwind components;
@tailwind utilities;"

# --- Step 7: Setup ESLint ---

# Install ESLint and Prettier
npm install -D eslint eslint-plugin-react eslint-plugin-react-hooks prettier
eslint-config-prettier

# Initialize ESLint
npx eslint --init

# --- Step 8: Git Initialization ---

# Initialize a new Git repository
git init

# --- Step 9: Create Server Directory ---

# Create a directory for the backend server
New-Item -ItemType Directory -Path "server"

# --- Step 10: Create Server Files ---


```

```

# Create a basic server setup
@"
const express = require('express');
const cors = require('cors');
const mongoose = require('mongoose');
require('dotenv').config();

const app = express();
app.use(cors());
app.use(express.json());

// Connect to MongoDB
mongoose.connect(process.env.MONGODB_URI || 'mongodb://localhost:27017/myapp',
{
    useNewUrlParser: true,
    useUnifiedTopology: true,
});

app.get('/', (req, res) => {
    res.send('API is running...');
});

const PORT = process.env.PORT || 3000;
app.listen(PORT, () => {
    console.log(`Server is running on http://localhost:${PORT}`);
});
"@ | Set-Content -Path "server/index.js"

# --- Step 11: Environment Variables ---

# Create a .env file for environment variables
@"
MONGODB_URI=mongodb://localhost:27017/myapp
PORT=3000
"@ | Set-Content -Path ".env"

# --- Step 12: Start Development Server ---

# Start the Vite development server
npm run dev

# --- Step 13: Start Backend Server ---

# Start the Express backend server
node server/index.js

# 🎉 Your Vite full-stack project is ready! Open the frontend in your browser
at http://localhost:5173 and the backend at http://localhost:3000

```