

DevGenie: The AI-Powered CLI Assistant

- 🚀 Built on Trae IDE | Powered by Groq + Novita.ai
- 📁 CLI Tool for Diagnosing & Fixing Dev Environments
- 🎯 Entry for CodeCraft AI x Dev Hackathon

The Problem

- ✗ Mismatched dependencies
- ✗ Confusing setup errors
- ✗ OS-level conflicts
- [?] Time lost in environment debugging

The Solution: DevGenie

-  Scans your project + local system
-  AI-powered suggestions for mismatches
-  OS-aware CLI fixes
-   Python, Node, Java, Git, etc. supported

How DevGenie Works

- 1. Accepts description or file input (e.g., requirements.txt)
- 2. Detects local system environment (OS, versions, etc.)
- 3. Uses LLMs (Groq + Novita.ai) to suggest fixes
- 4. Displays exact CLI commands to resolve issues

Trae IDE + AI: Building DevGenie

-  Built entirely using Trae IDE
-  Debugging Agents + Gemini 2.5 Pro used for logic & testing
-  Fast workflow, live testing, and integrated CLI tools
-  Groq + Novita AI inference used for generating fixes

Example Usage

- `$ genie diagnose -f ./requirements.txt`
-  Required: Python 3.10, Node 20
-  Found: Python 3.11, Node 18
-  Suggestion: Use pyenv & nvm to fix version issues

Why DevGenie Matters

- ⚡ Saves hours of debugging time
- 🌐 Cross-platform: Windows, macOS, Linux
- 📦 Uses latest AI models in CLI
- 👤💻 Perfect for developers, students & teams

Try It Now!

- 🔗 pip install devenv-genie
- 🌐 GitHub: github.com/mrhamdaanbaloch
- 📄 ♂👉 Diagnose smarter. Code faster.
- #BuiltWithTrae #CodeCraftAIHackathon