



## SakaDev

[rahmanazhar](#) | 150 installs | (1) | Free

AI-powered coding assistant that operates autonomously within your editor. Powered by Claude 4 Sonnet's agentic capabilities, it handles complex development tasks with integrated approval systems for safety.

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## SakaDev - Advanced AI Development Assistant

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Like its namesake from Malay ("Saka" meaning ghost), SakaDev works invisibly yet effectively within your development environment, moving seamlessly between files and systems to accomplish complex tasks. This AI ghost developer integrates directly with your CLI and editor, providing an ethereal presence that enhances rather than disrupts your workflow.

Powered by [Claude 4 Sonnet's agentic capabilities](#), it handles software development tasks with precision and reliability. Through its powerful toolset, SakaDev creates and edits files, analyzes projects, interacts with browsers, and executes terminal commands, all with a secure approval system. Going beyond code completion, it uses the Model Context Protocol (MCP) to extend its capabilities through custom tools. This combination of powerful automation and controlled oversight makes SakaDev an essential companion for professional software development.

How it works:

- 1. Task Initiation:** Submit your task with optional images or screenshots to guide the process.
- 2. Project Analysis:** SakaDev analyzes your codebase through:
  - File structure examination
  - Source code AST parsing
  - Targeted regex searches
  - Efficient context management

### 3. **Intelligent Execution:** With comprehensive project understanding, SakaDev:

- Creates and edits files with automatic error detection and fixing
- Executes terminal commands with real-time output monitoring
- Performs browser-based testing and debugging when needed

### 4. **Task Completion:** Upon completion, SakaDev provides:

- A summary of changes made
- Verification steps if needed
- One-click command execution to view results

[!TIP] Use the `CMD/CTRL + Shift + P` shortcut to open the command palette and type "SakaDev: Open In New Tab" to open the extension as a tab in your editor. This lets you use SakaDev side-by-side with your file explorer, and see how he changes your workspace more clearly.

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## Key Features



### Use Any AI Model

Choose from a comprehensive range of AI providers:

- OpenRouter with latest models and analytics
- Claude 4 models via Anthropic, AWS, or Vertex AI
- GPT-4 series through OpenAI and Azure
- Gemini 2.5 Flash Preview with 1M token context
- Advanced models: DeepSeek R1/V3, Mistral AI, xAI Grok
- Local development with LM Studio/Ollama
- Real-time cost tracking and token monitoring



### Terminal Command Control

Execute and monitor commands with confidence:

- Direct terminal integration via VSCode shell
- Real-time output monitoring and responses
- Background process support for dev servers
- Environment-aware command execution
- Quick access via keyboard shortcuts (Cmd+')
- Granular auto-approval configuration



### Smart File Operations

Professional file management features:

- Intelligent file creation and editing
- Real-time linter/compiler error monitoring
- Automatic workspace checkpointing
- Visual diff comparisons and state restoration
- Change tracking and indicators
- Configurable access control via .sakadevignore

## **Browser Testing & Debugging**

End-to-end web development capabilities:

- Headless browser automation
- Element interaction and navigation
- Screenshot capture and console monitoring
- Runtime debugging and issue resolution
- End-to-end testing workflows
- Local Chrome debugging support

## **Extensible Tool System**

Create custom capabilities via MCP:

- On-demand tool creation and installation
- Integration with existing MCP servers
- HTTP and SSE transport support
- Fine-grained permission controls
- Rich response formatting
- Community tool marketplace

## **Context-Aware Development**

Efficient project understanding:

- URL content import as markdown (@url)
- Workspace diagnostics integration (@problems)
- Direct file access and bulk import (@file, @folder)
- Plan/Act mode workflow optimization
- Smart context window management
- Intelligent task organization

## **Development**

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## **Contributing**

Check our [open issues](#) or [feature request board](#) to get started.

## Local Setup

- ▶ Local Development Instructions
- ▶ Creating a Pull Request

## Documentation

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The SakaDev documentation is built with Mintlify and can be deployed to `sakadev.site` or `docs.sakadev.site`.

For deployment instructions, see:

- **Quick Start:** [MINTLIFY\\_QUICKSTART.md](#)
- **Detailed Guide:** [docs/DEPLOYMENT.md](#)
- **Architecture:** [MINTLIFY\\_INTEGRATION.md](#)

To test documentation locally:

```
./test-docs.sh
```

To deploy documentation:

```
./deploy-docs.sh
```

## License

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