

BugPilot – AI Powered Bug Reporting Assistant

Problem Statement

Every great idea starts with a real problem.

In our day-to-day workflow, reporting POS issues is a time-consuming process. When clients face an issue, the current process usually involves multiple steps:

- Client contacts support team
- Explains the issue through calls or messages
- Shares screenshots/videos
- Support team analyses and understands the problem
- Ticket is created and assigned to developers

During this process, important details can be missed, communication gaps can happen, and developers spend additional time understanding and reproducing the issue.

This results in delayed fixes, repeated discussions, and longer resolution time.

Our Solution – BugPilot

BugPilot is an AI-powered bug reporting assistant designed to simplify and accelerate the issue reporting process.

With just **one tap**, users can capture the complete issue context and automatically generate a developer-ready bug report.

Whether the user is a:

- Client
- QA Engineer
- Operations Team
- Developer

BugPilot helps anyone report issues faster and more accurately.

How BugPilot Works

1. Capture the Issue

Users can instantly record:

- Screen activity
- Voice explanation
- User actions while reproducing the issue

No need to manually write long descriptions or create separate videos.

2. AI-Based Issue Understanding

AI analyzes the recorded information and converts it into a structured bug report including:

- Clear problem statement
- Steps to reproduce
- Expected behavior
- Actual behavior
- Possible impact

This removes ambiguity and improves communication between teams.

3. Automatic Technical Data Collection

BugPilot automatically captures useful debugging information:

- Application logs
- User actions/click journey
- API requests and responses
- Device/environment details

Developers receive all required information without multiple follow-ups.

4. Instant Ticket Creation

The complete bug report is automatically converted into a development ticket.

Developers get:

- Clear issue understanding
 - Required evidence
 - Technical context
 - Faster reproduction path
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Key Benefits

For Clients

- ✓ Simple issue reporting
- ✓ No technical knowledge required
- ✓ Faster resolution experience

For QA & Operations

- ✓ Reduced manual documentation
- ✓ Better quality bug reports
- ✓ Less back-and-forth communication

For Developers

- ✓ Complete debugging context
 - ✓ Faster issue reproduction
 - ✓ Reduced investigation time
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Impact

BugPilot transforms bug reporting from a manual communication process into an intelligent automated workflow.

By combining screen capture, AI analysis, and technical data collection, BugPilot helps teams move from:

"What is the issue?"

to

"Here is the issue, why it happened, and everything needed to fix it."

Vision

BugPilot aims to make software issue reporting smarter, faster, and more collaborative by reducing communication gaps and helping teams deliver better products with shorter resolution cycles.