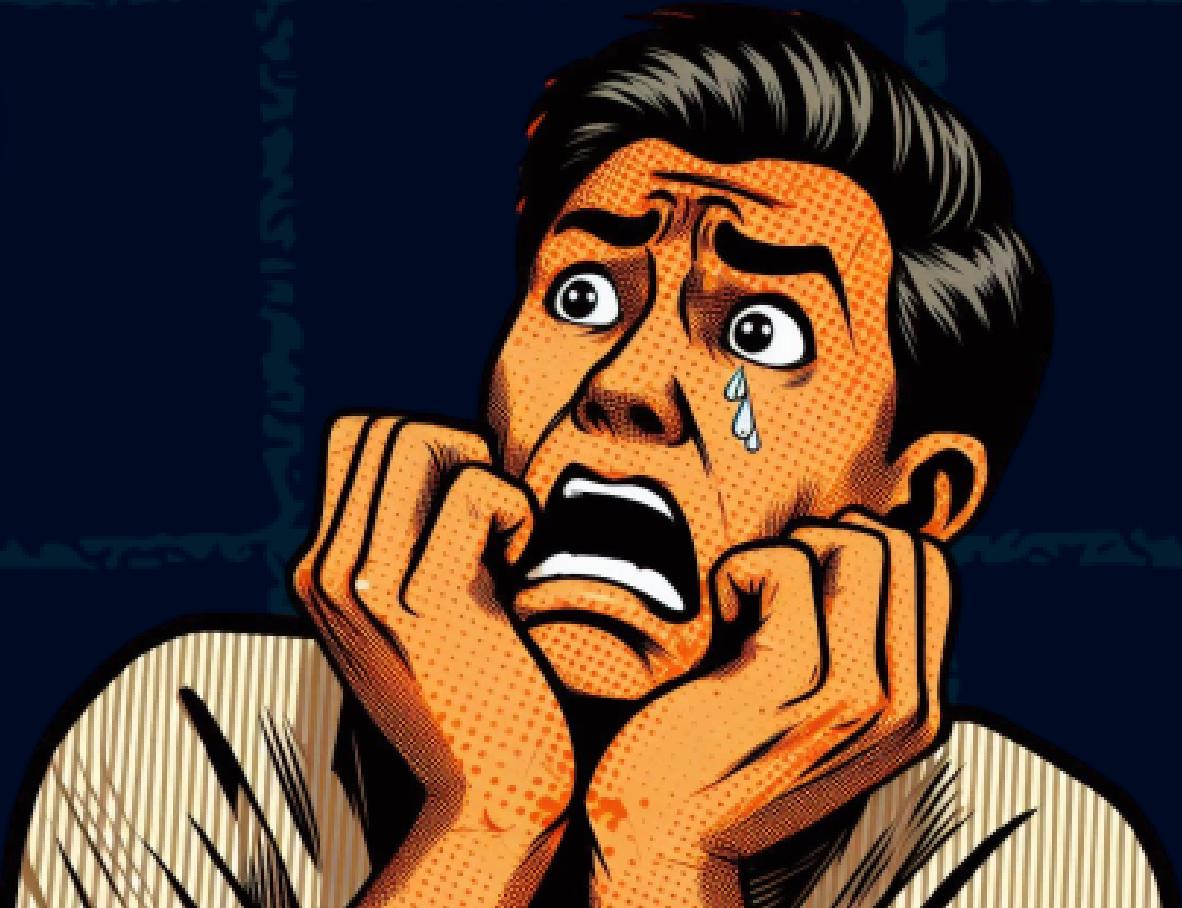


DEVIN REPLACES YOU??

OVERHYPED?



Introduction to Devin AI

01



Built By
Cognition Labs

Introducing Devin

02

"MEET DEVIN, THE WORLD'S FIRST FULLY AUTONOMOUS AI SOFTWARE ENGINEER WHO IS A TIRELESS, SKILLED TEAMMATE, EQUALLY READY TO BUILD ALONGSIDE YOU OR INDEPENDENTLY COMPLETE TASKS FOR YOU TO REVIEW"

WORLD'S FIRST AI SOFTWARE ENGINEER

03

LONG TERM REASONING AND PLANNING

Can plan and execute complex engineering tasks. Can recall every decision made and learn over time

EQUIPPED WITH DEV TOOLS

Devin is working in a sandbox environment where Devin is provided access to shell, code editor and a browser

REAL-TIME USER COLLABORATION

Devin can collaborate with users in real-time accept feedback and then change the workflow accordingly also providing the reports at real-time

DEVIN'S CAPABILITIES

04

SAMPLES

DEVIN CAN LEARN HOW TO USE UNFAMILIAR TECHNOLOGIES.

After reading a blog post, Devin runs ControlNet on Modal to produce images with concealed messages for Sara.

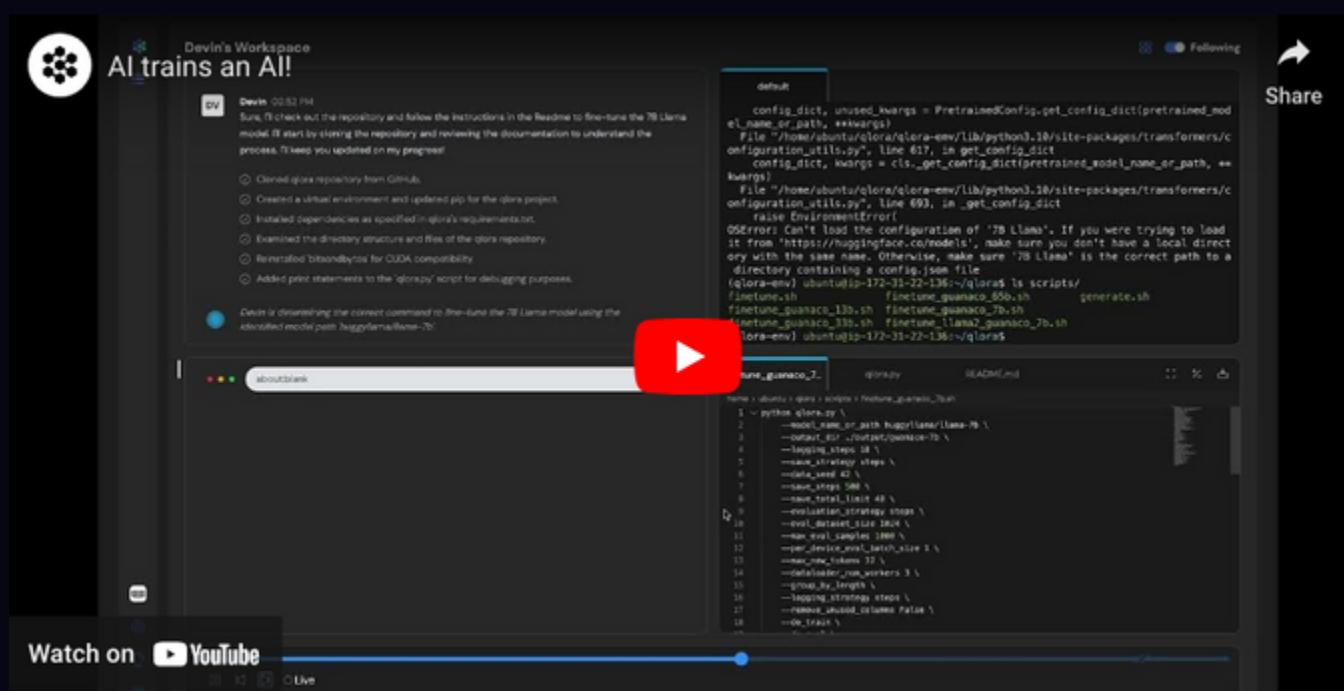
DEVIN CAN TRAIN AND FINE TUNE ITS OWN AI MODELS.

Devin sets up fine tuning for a large language model given only a link to a research repository on GitHub.

WE EVEN TRIED GIVING DEVIN REAL JOBS ON UPWORK AND IT COULD DO THOSE TOO!

Here, Devin writes and debugs code to run a computer vision model. Devin samples the resulting data and compiles a report at the end.

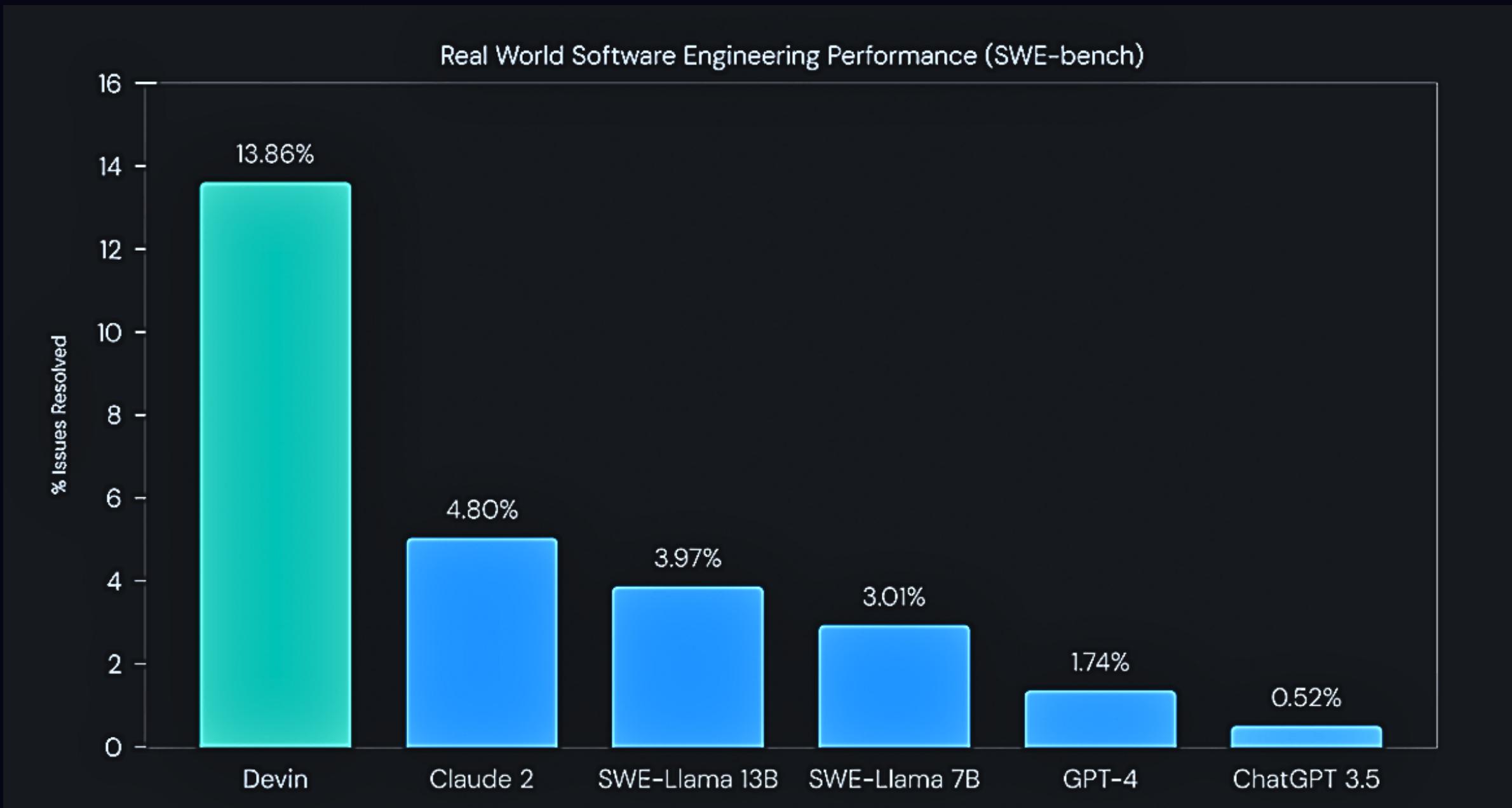
05



A screenshot of a video conferencing interface. At the top, it says 'Devin's Upwork Side Hustle'. Below that, there's a video feed of a person, a text input field with placeholder text 'Please figure it out.', and a message history between 'Devin' and 'You'. Devin's messages are in blue, and You's are in grey. A large red play button icon is overlaid on the video feed. On the right side, there's a code editor titled 'factory.py' with some Python code. At the bottom, there's a 'Watch on YouTube' button.

06

CURRENT BENCHMARK-SWE



Workflow - Thoughts

07

PLANNING

The first agent works on meticulously creating a plan for how the problem can be solved creating milestones, goals, etc...

CURRENT STACK:
CHATGPT

CODING

Then for each task the code needs to be written in the editor present. Knowledge is obtained from Browser tools

CURRENT STACK: RAG,
CONTINUE

EXECUTION

Devin's integration with terminal enables execution of written script.

CURRENT STACK:
OPEN INTERPRETER

DEBUGGING AND ERROR SOLVING

The most exciting aspect for me is the debugging capability of Devin and solving the error based on it

CURRENT STACK:??

MONITORING

An agent to monitor all of these process continuously from first to last

CURRENT STACK:
CREW AI

My philosophy

08

"CAN DEVIN REPLACE HUMANS?"

NEURAL HACKS WITH VASANTH

NO. IT IS AN AID FOR DEVS
AND A CATALYST TOWARDS
AGI. AIN'T GONNA REPLACE
YOU. HERE IS WHY ...

10



Thank you
Cognition
Labs

Thought it might not replace humans we are
still taking a step towards AGI with Devin and
to make such a powerful system architecture
KUDOS to the team of Cognition Labs..