



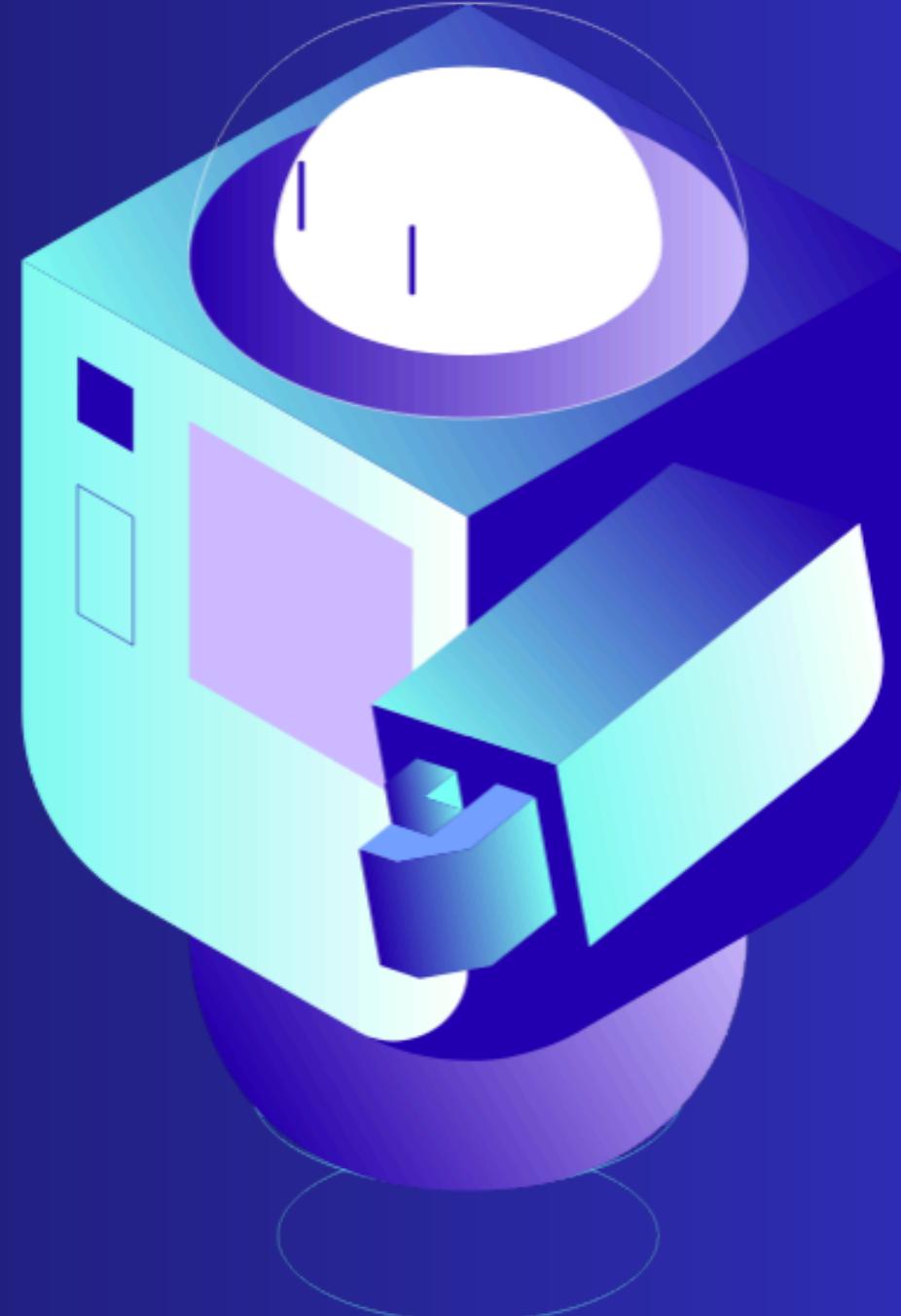
DevKTOps

HOW AI AGENTS CAN HELP TO SPEED UP YOUR CLOUD/DEVOPS TASKS?

KT

www.devktops.com

7 Sep 2025



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ABOUT ME

KT

Senior Cloud Engineer

Founder @DevKTOps

AWS Community Builder

Community Leader @ AWS User Group Myanmar

5x AWS Certified, 2x CNCF Certified, Terraform Certified



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BEFORE INTRO

I'M NOT AI SPECIALIST. I'M JUST A CLOUD/DEVOPS GUY WHO IS TRYING
TO APPLY AI ON MY DAILY TASKS



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GENERATIVE AGENTIC



04



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GENERATIVE

Reactive

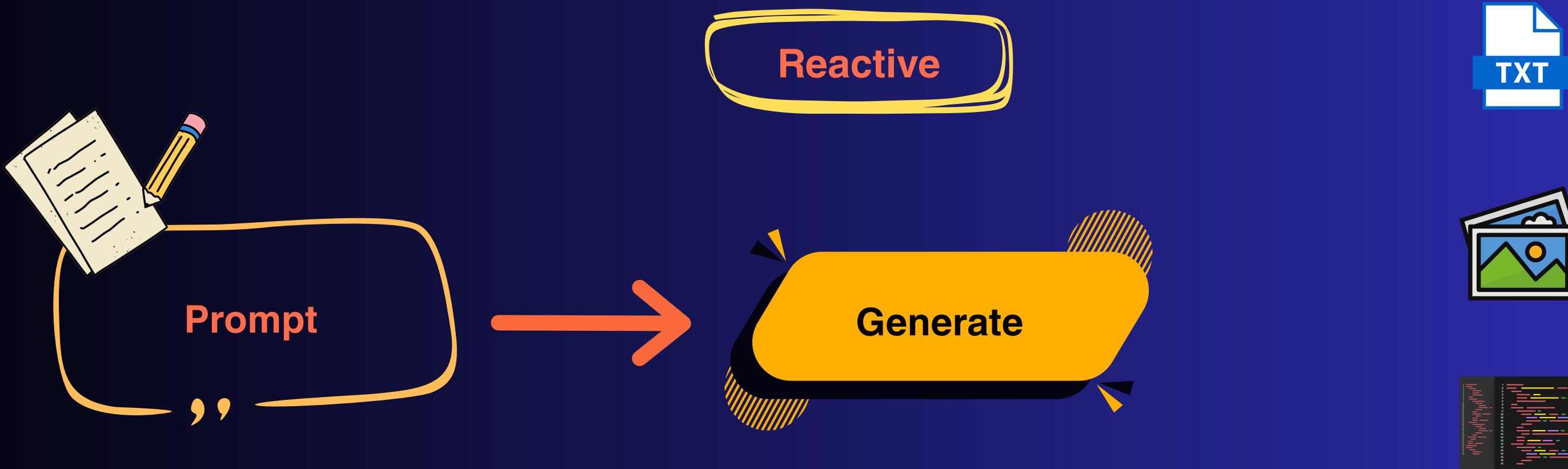


05



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GENERATIVE



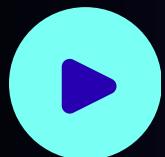
06



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AGENTIC

Proactive

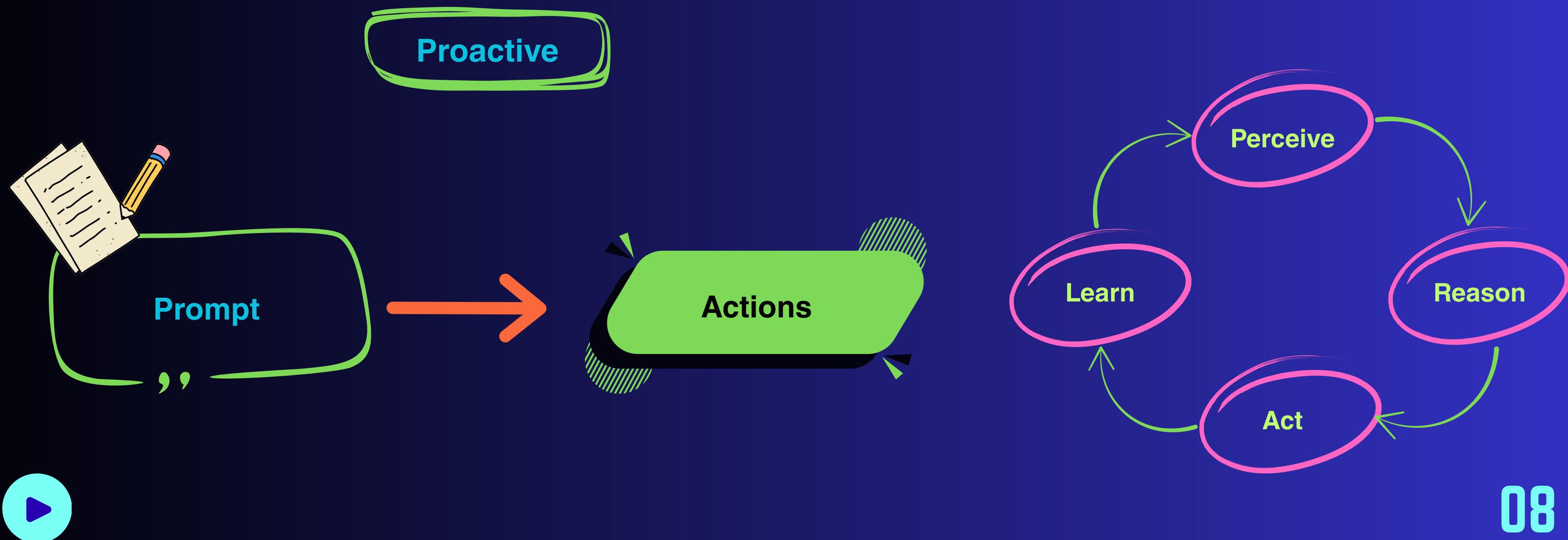


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AGENTIC





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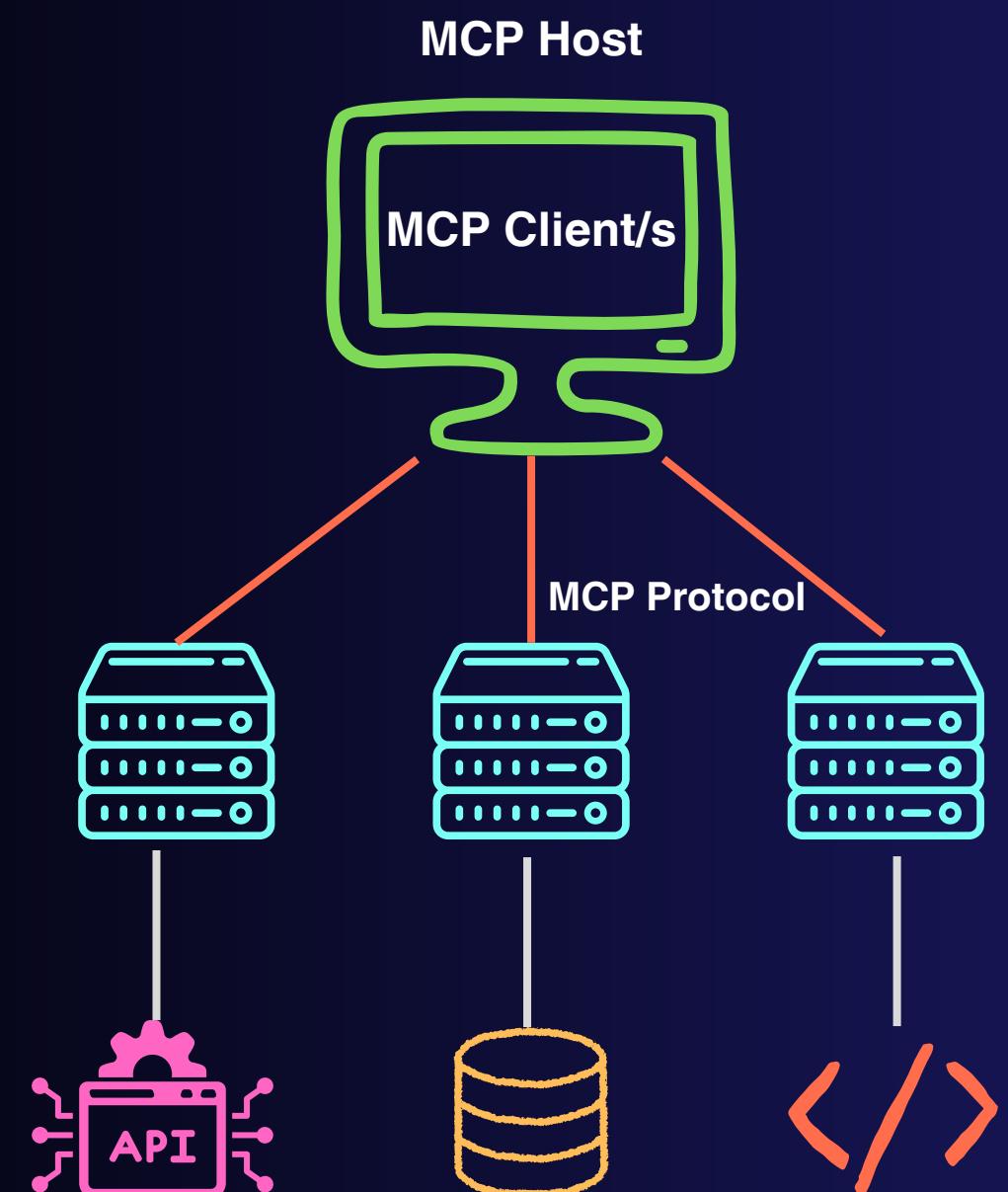
GENERATIVE AGENTIC





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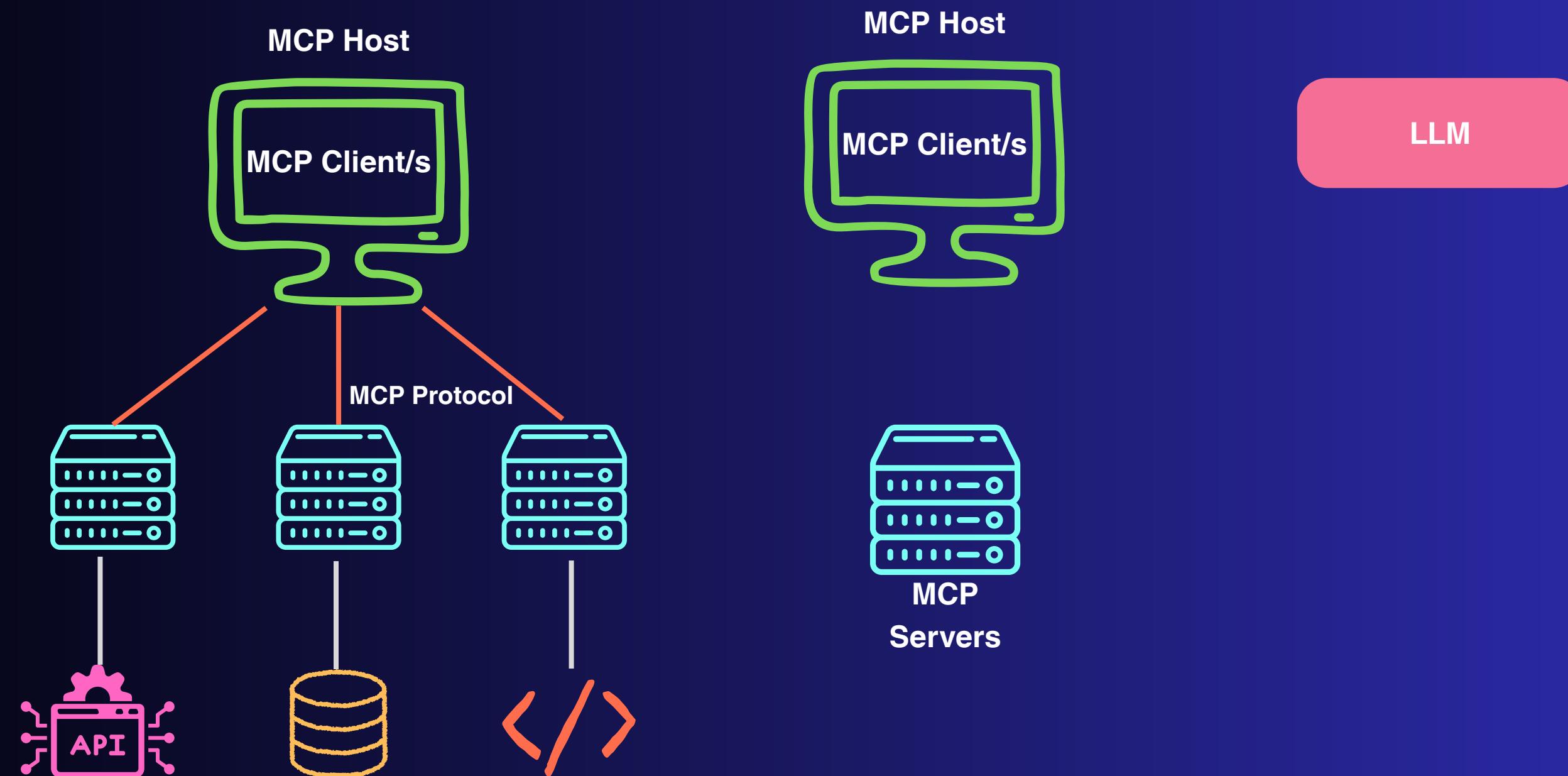
WHAT IS MCP?





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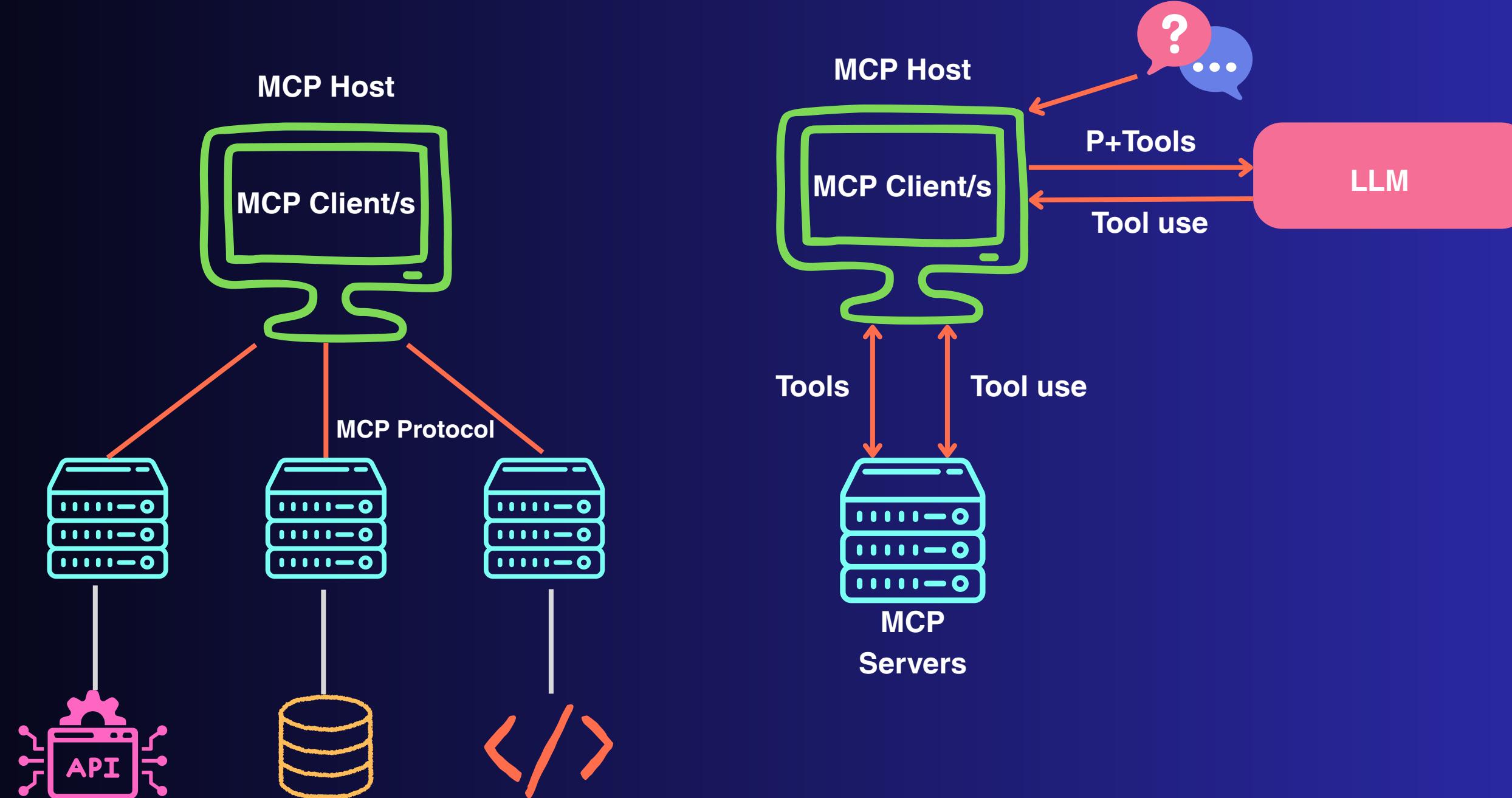
WHAT IS MCP?





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WHAT IS MCP?





AMAZON Q

The most capable generative AI-powered assistant .
Amazon Q Developer can be used within your CLI

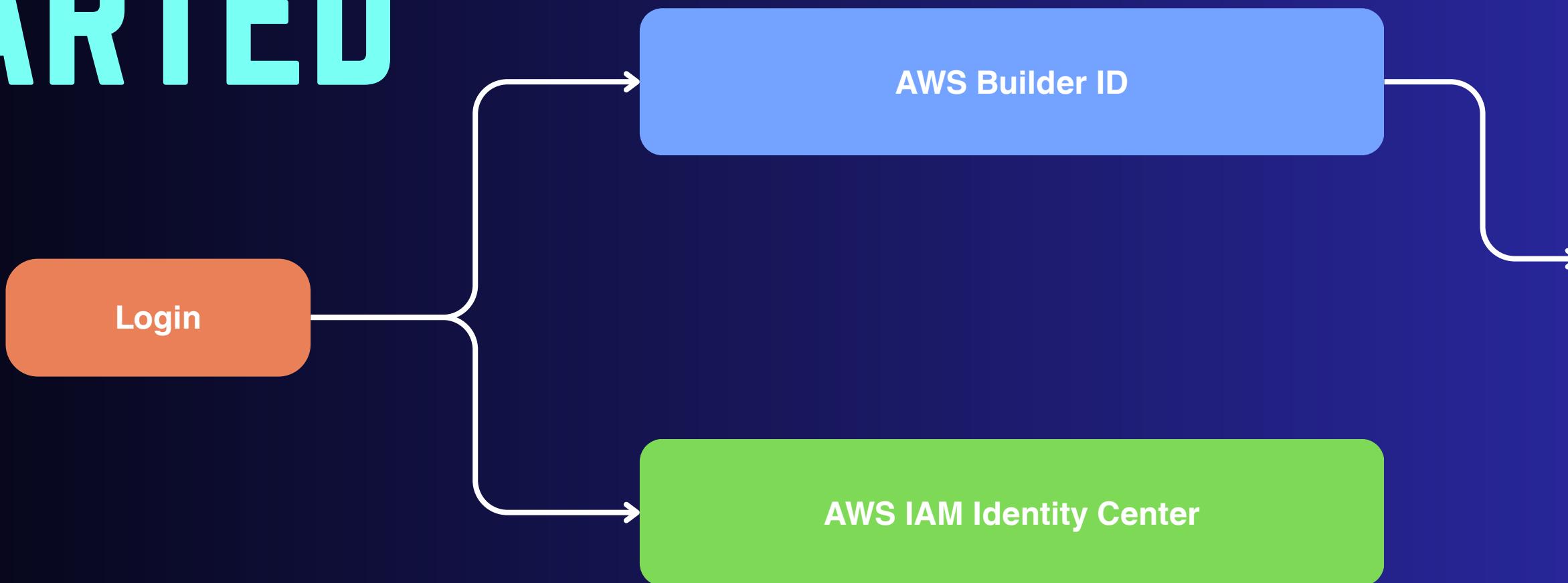
- Auto Completion
- Natural Language Chat
- Contextual Awareness
- Agentic Execution





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GET STARTED



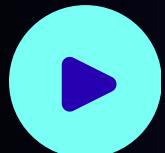
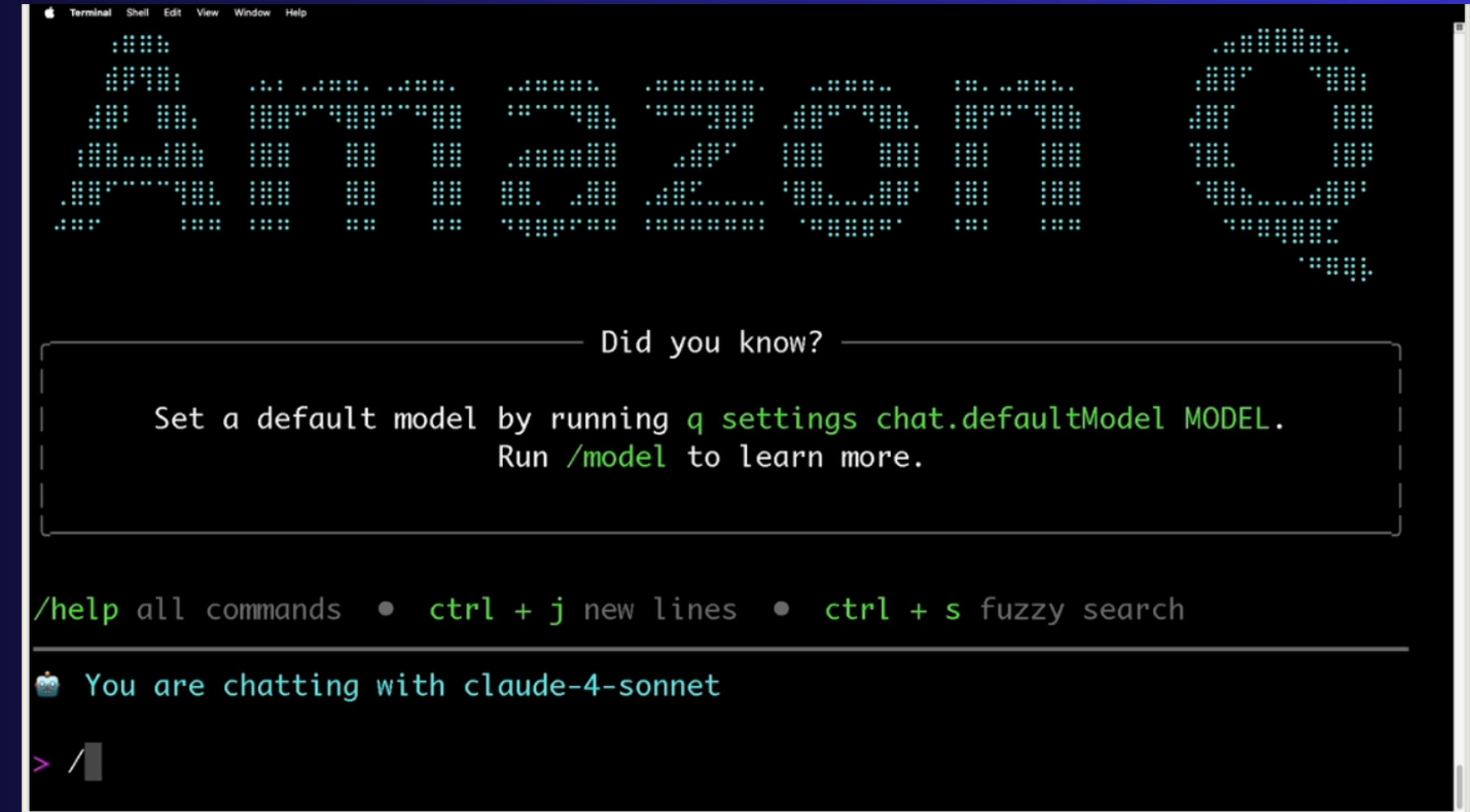
Sign up for AWS Builder ID





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Q CHAT



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TROUBLESHOOT

```
❶ iTerm2  Shell  Edit  View  Session  Scripts  Profiles  Toolkit  Window  Help
> q doctor

✖ Amazon Q app socket exists: Amazon Q socket missing
Attempting to fix automatically...
Restarting Amazon Q
Re-running check...

✓ Amazon Q app socket exists
✓ Everything looks good!

Amazon Q still not working? Run q issue to let us know!

❷
```





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COMMAND LINE COMPLETION



A screenshot of a macOS terminal window. The title bar shows the Apple logo, a home icon, and a tilde (~). The command line input field contains the text "cd Desktop/DevKTOps-Courses/". To the right of the input field, a dropdown menu lists several directory names: "aws-misc/", "devops-misc/", "English_Learning/", "misc/", and "ref/". Below the dropdown menu, the text "Enter the current directory" is displayed.



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COMMAND LINE AUTO SUGGESTION

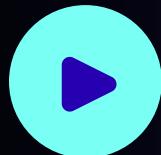


```
> mkdir python-project
> cd python-project/
[apple icon] ~ ~/Desktop/DevKTOps-Courses/python-project
```



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COMMAND LINE TRANSLATION



```
└─[?] ~/Desktop/DevKTOps-Courses .....  
q translate "list all s3 bucket in aws account"  
input
```



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**HERE IS THE MCP
INTEGRATION**



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DON'T THINK

အေဒီး
အေဒီး

အကားထိုးနေပြု

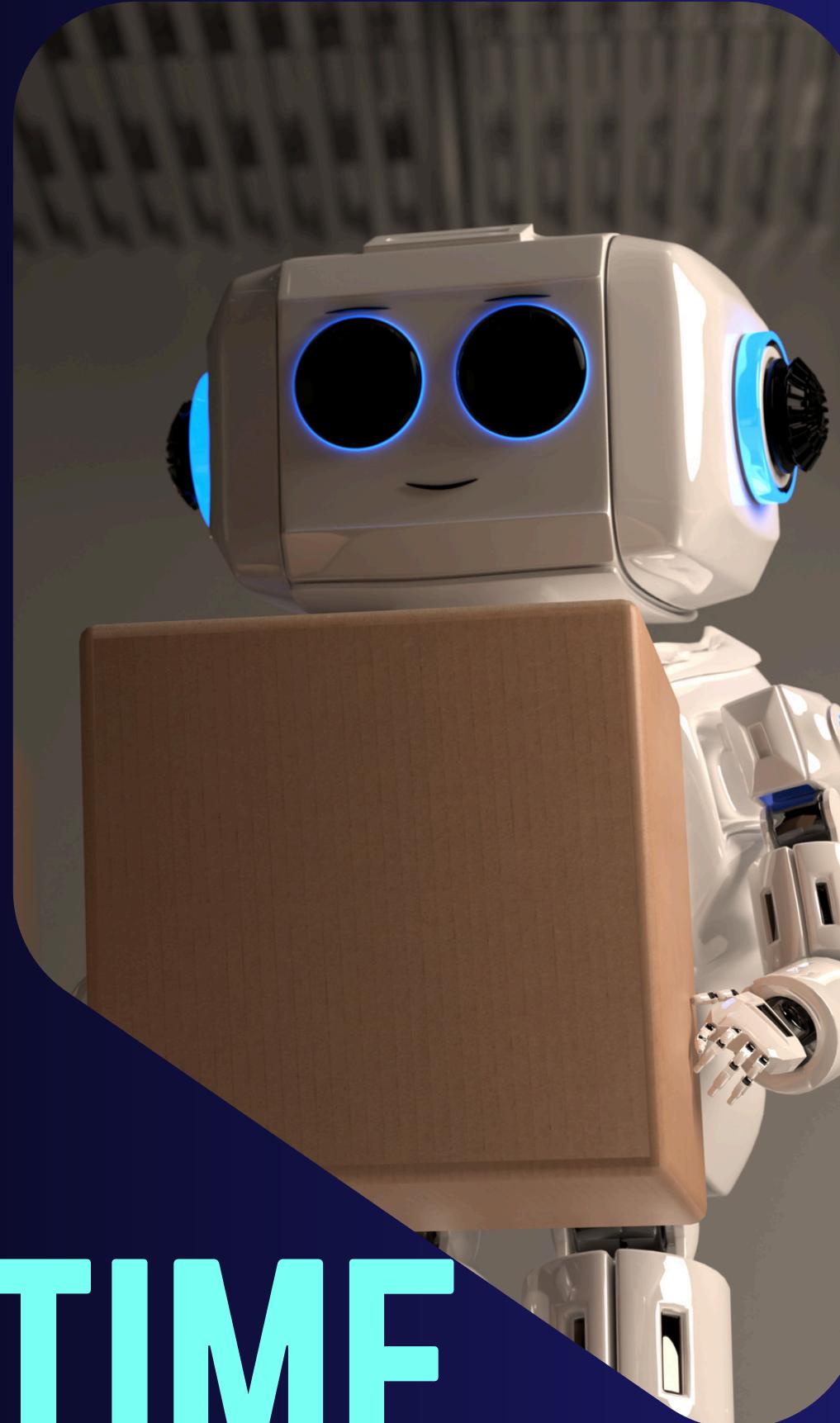
ဒါတွေလေ့လာစုံ မလိုဘူး အေဒီး
၃၀ သေးလိုက်ရင် ရပြု!





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DEMO TIME

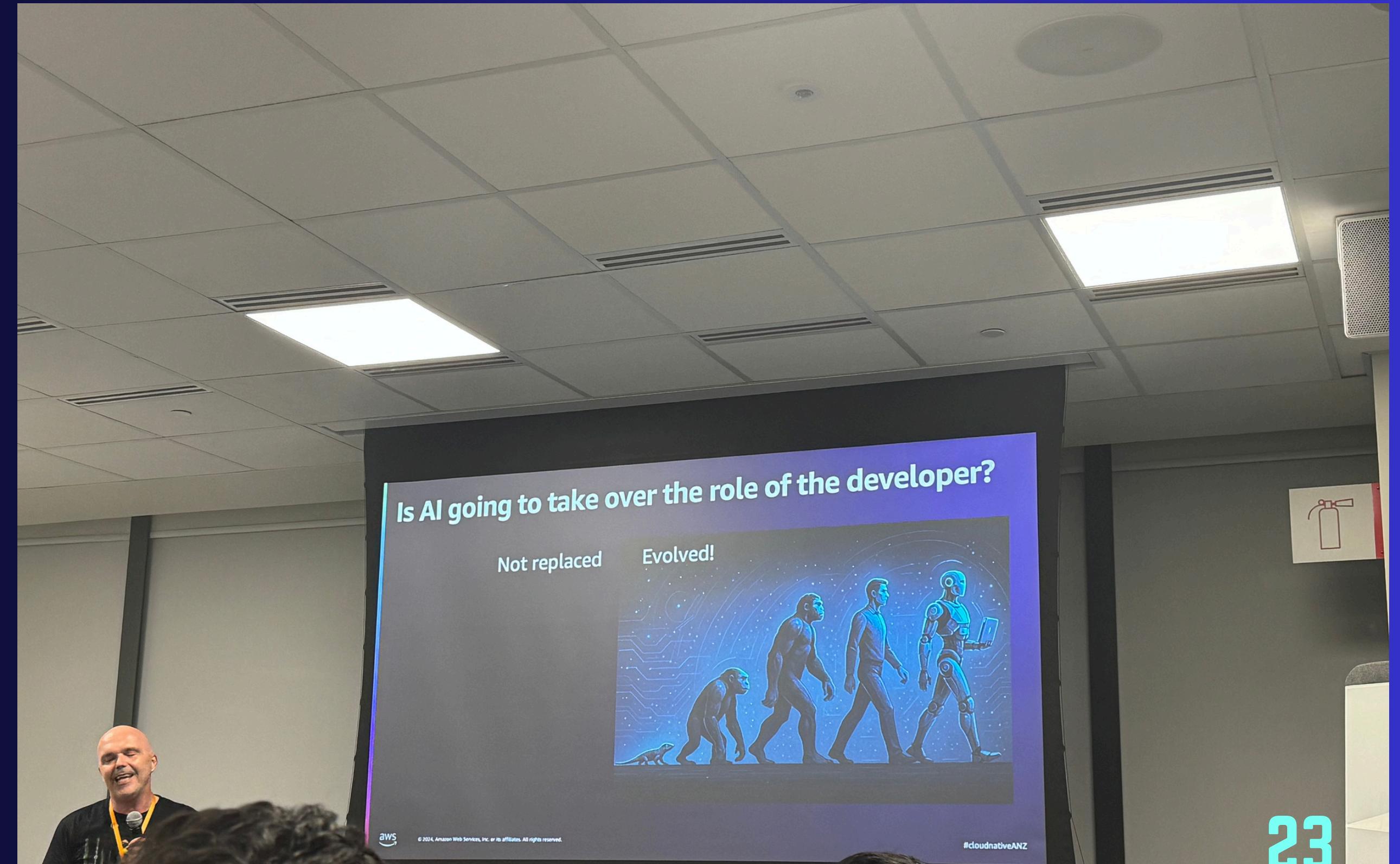


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What I learned from one of AWS User Group Meetups





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CONSIDER

- Authentication and Access Control
- Data Security and Privacy
- Tool and System Abuse
- Infrastructure Vulnerabilities
- Operational Risks
- Supply Chain Security
- Governance and Compliance





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CONTACT ME





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THANK YOU



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