# 

#### From SDLC to Market

## Continuum



#### Pramod Sridhar Consultant @ DevOn



#### Sachin Nair Consultant @ DevOn



## Agenda

• Al in SDLC Agency in Al 

## • Al beyond SDLC

## Last year was all about... Use of Al in SDLC

• Code completion

devon

- Documentation
- Generate Boilerplate code
- Assist writing Unit tests

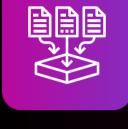
Develop features and resolve issues

 $\leftarrow \rightarrow$ 

Ð	EXPLORER	222	! api-cor	ifig.yaml ×
G	> OPEN EDITORS		backend :	src > main > resources > 1 api-config.yaml
0	~ AI-SDLC			components:
$\sim$	> .idea		138	schemas:
0	> api-test		162	VacancyResponse:
30		14	164	properties:
	✓ backend		171	description:
de la	> .gradle		174	requirements:
<u>n</u> .	> bin		175	type: string
	> build		176	example: Must be having hands experience in Java
ß	> gradle		177	location:
	✓ src		178	type: string
6	~ main		179	example: Bangalore
40			180	maxSalary:
	java \ com \ devon \ recruitment		181	type: number I
A	> config		182	format: float
	<ul> <li>controller</li> </ul>		183	example: 10000000.23
A	J RecruitmentController.java	9+	184	applicationDeadline:
#-77	✓ model		185	type: string
	J Loginjava		186	format: date-time
	J Vacancy.java		187	example: 2024-12-31T23:59:59
		1.00	188	createdBy:
	<ul> <li>repository</li> </ul>		189	type: string
	J LoginRepository.java		190	example: "john.doe@devon.nl"
	J VacancyRepository.java	1	191	
	✓ service		192	CreateVacancyRequest:
	J LoginService.java	8	193	type: object
	J VacancyService.java	9-	194	required:
	> to		195	- jobTitle
	> util		196	- description
			197	- requirements
	> validation		198	- location
	J RecruitmentmgmtApplication.jav	18	199	- maxSalary
	✓ resources		200	- applicationDeadline
	> devreference		201	- createdBy
	1 api-config.yaml		202	properties:
	1 application.yml		203 204	jobTitle: type: string
	test\java\com\devon\recruitm		204	example: Developer
	<ul> <li>controller</li> </ul>		205	description:
			200	type: string
	J RecruitmentControllerTest.java		208	example: Looking for a Java developer
	✓ service		200	requirements:
	J LoginServiceTest.java	9+	210	type: string
		9-	211	example: Must be having hands-on experience in Java
	> OUTLINE		212	location:
Q	> TIMELINE		213	type: string
0	> PROJECTS		214	example: Bangalore
500	> RUN CONFIGURATION		215	maxSalary:
8	> JAVA PROJECTS		216	type: number
×	P TestBranch* @ @ 185 A 18 Indexing co	ministe	d Blava	



## Learnings From the field









#### Debugging is still a Human art

#### Just re-roll, better chance of to get an appropriate answer

Use copilot-instructions.md

## We are already working on Al to augment business features

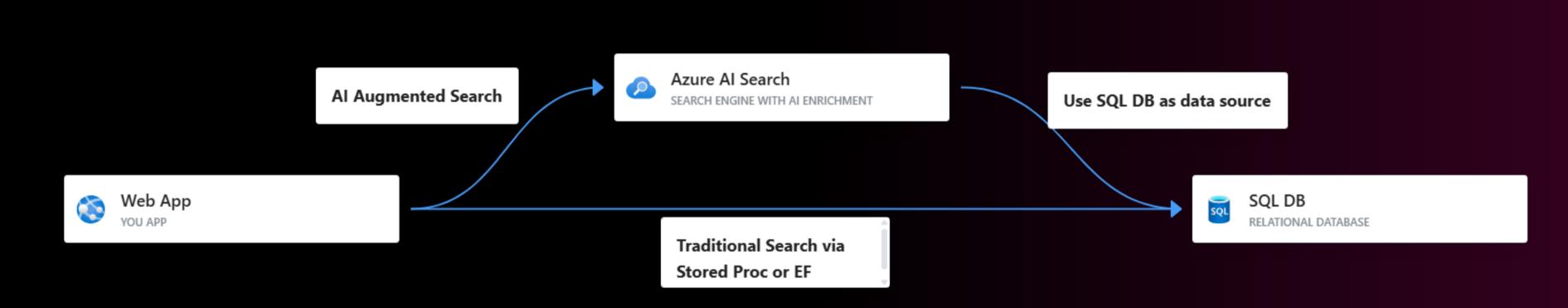
• A step in the right direction

devon

 Move from SDLC to product integration Build on top of your existing workflows • Deliver the "wow" to your end-users

#### devon

### Architecture diagram

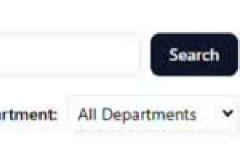


#### devon

#### **Employee Search**

Search employees by keyword or filter by department

Depa



#### devon

#### **Employee Search**

Search employees by keyword or filter by department

Find all IT pepple	
Al Search	Depar
	No employees found matching your search criteria.



### Fallacies of Al







#### Al is always accurate and reliable

#### You need to be an AI expert to use AI in your product

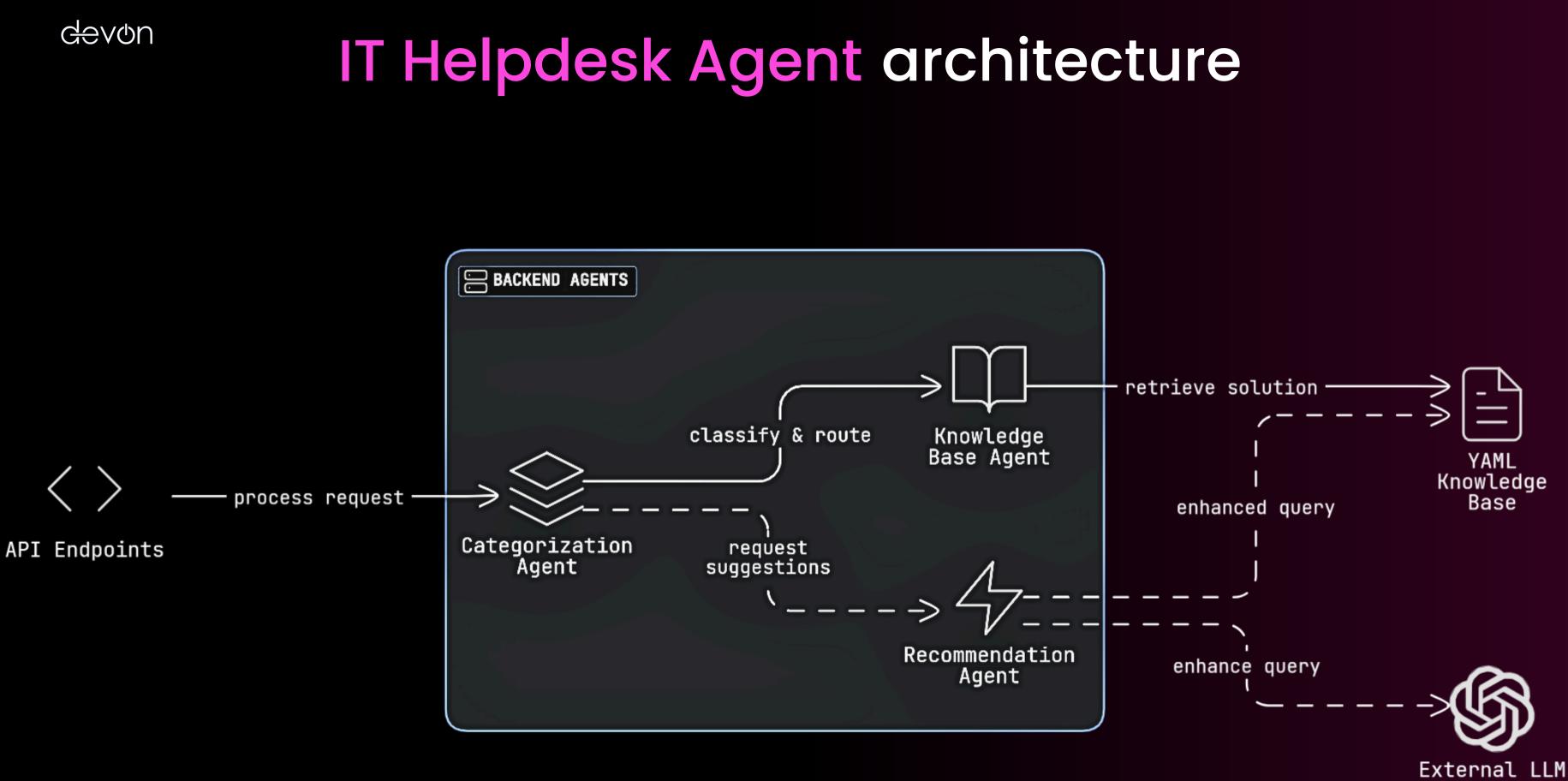
Building AI features is enough



## The Road Ahead **Deeper Al integration with Agentic flows**

- and acts to achieve goals
- Works independently
- Coordinates multiple tools
- Plans and adjusts strategies

• Autonomous Al system that decides,



#### **IT Helpdesk Assistant** .

Get instant solutions to your technical problems

#### Multi-Agent System Status

#### ÷

**Categorization Agent** 

Analyzes your issue to determine the category



#### Knowledge Base Agent

Retrieves the best solution from our knowledge base

#### LLM Recommendation Agent Suggests alternatives and related solutions

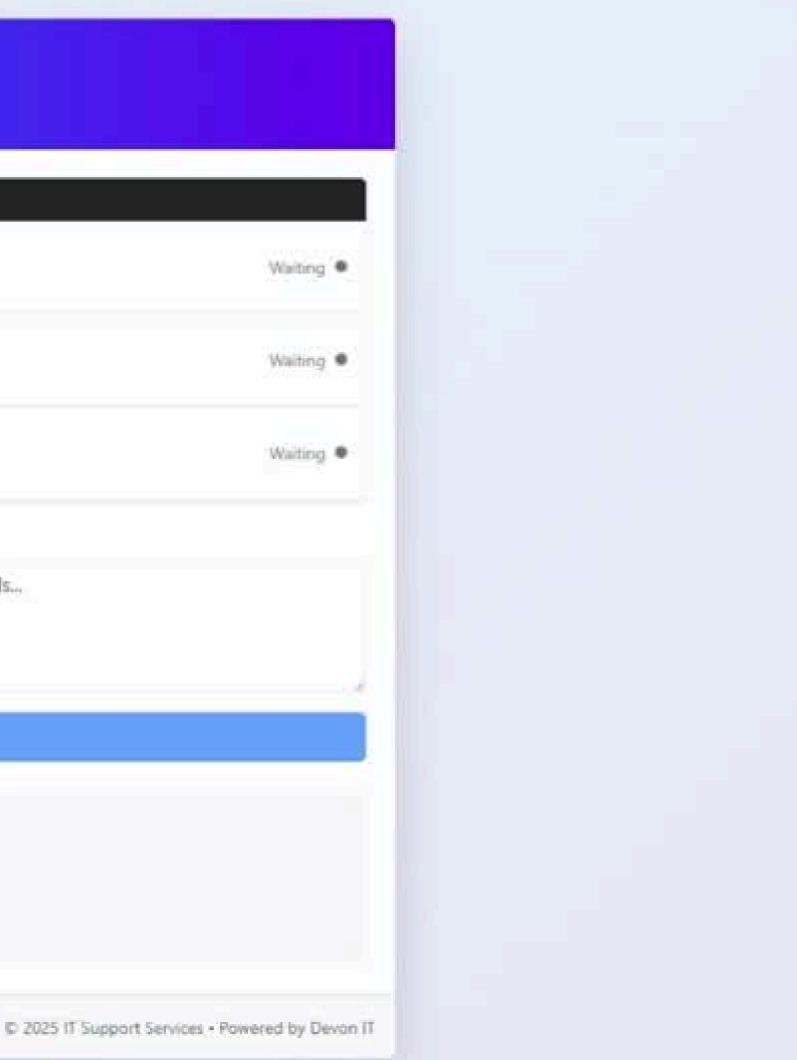
#### Describe your IT issue

What's happening with your device or software? Please provide details...

#### Get Help

#### PRO TIPS

- · Include error messages you're seeing
- · Mention which application or device is affected
- · List any troubleshooting steps you've already tried



#### **IT Helpdesk Assistant**

Get instant solutions to your technical problems.

#### Multi-Agent System Status



**Categorization Agent** 

Analyzes your issue to determine the category



Knowledge Base Agent

Retrieves the best solution from our knowledge base

LLM Recommendation Agent Suggests alternatives and related solutions

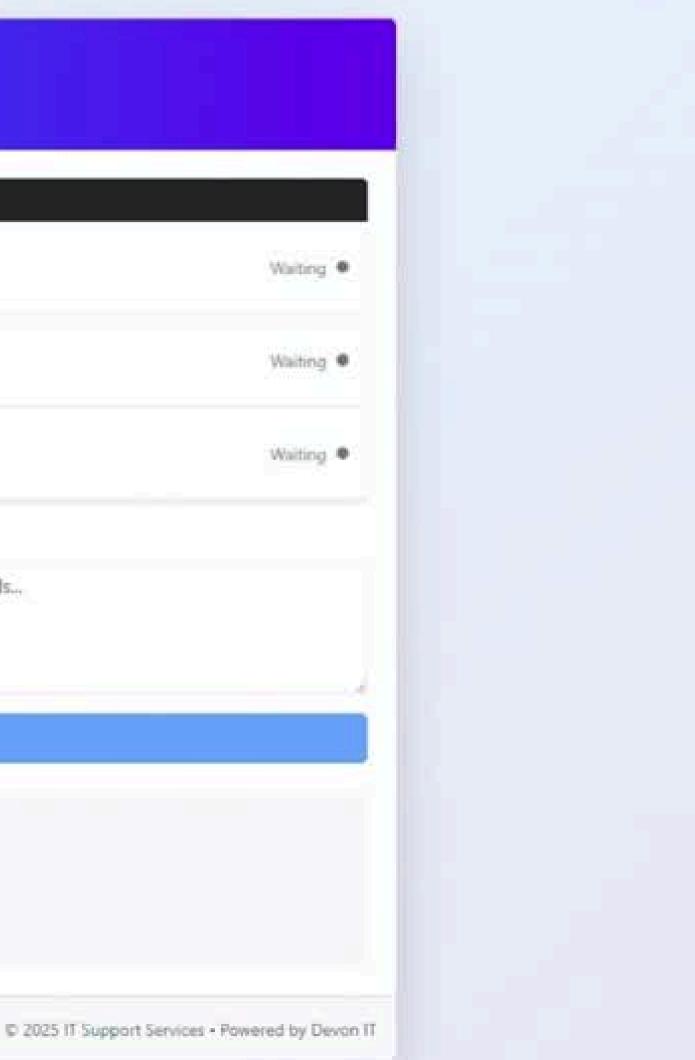
#### Describe your IT issue

What's happening with your device or software? Please provide details...

#### Get Help

#### PRO TIPS

- · Include error messages you're seeing
- · Mention which application or device is affected
- · List any troubleshooting steps you've already tried



## Key Takeaways Al-Powered Innovation Trends and Predictions

Al is now beyond code completion

## Key Takeaways AI-Powered Innovation Trends and Predictions

Al is now beyond code completion

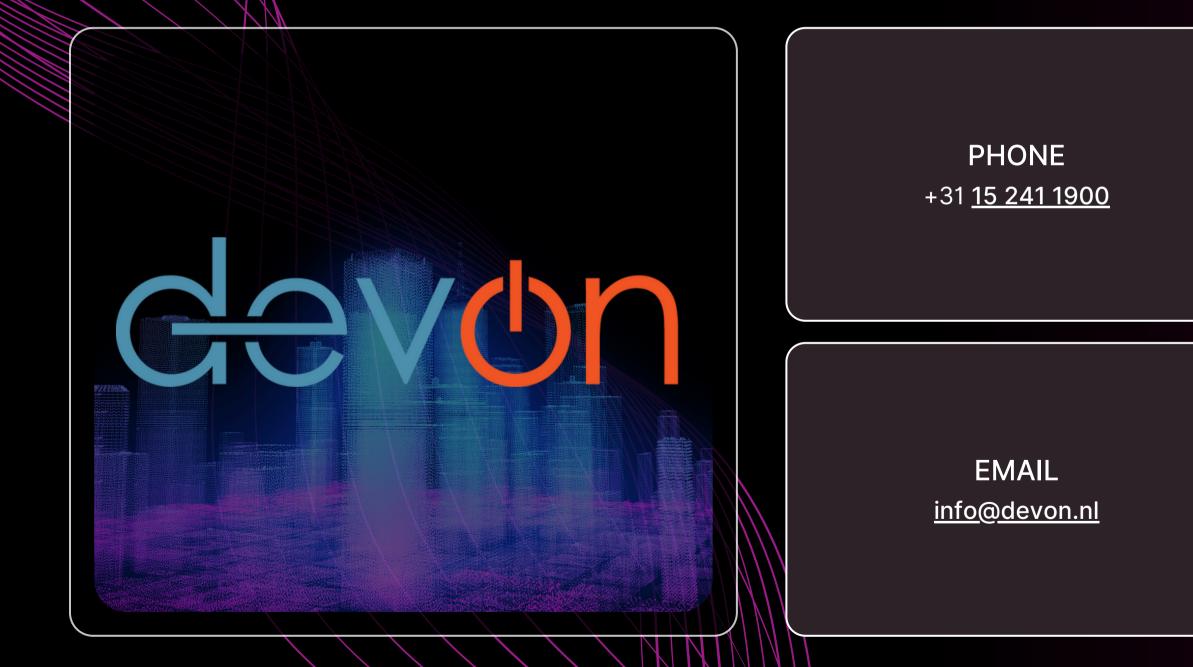
Comoditized AI makes AI integration is easier then ever

## Key Takeaways AI-Powered Innovation Trends and Predictions

Al is now beyond code completion

Comoditized Al makes Al integration is easier then ever Business flows will be re-imagined using Al Agents

## Thank you Enjoy the Al-enabled future



#### WEBSITE

www.devon.nl

#### ADDRESS Brassersplein 1, 2612 CT Delft