## **Mandar Badve and Devansh Swarup - 2025/03/29 13:56 GMT+05:30 - Transcript**

# **Attendees**

Devansh Swarup, Fireflies.ai Notetaker Vaibhav, Mandar Badve, Mandar Badve's Presentation, Vaibhav's Notetaker

# **Transcript**

Devansh Swarup: Yeah, we're good to go.

Devansh Swarup: happened yesterday.

Devansh Swarup: I think you told me that you were a that built agent on top of autogen and a couple of other frameworks. would you like describing on what other technology platforms that you have built and then probably I'll ask couple of more questions on top of

Mandar Badve: yeah sure sure.

Mandar Badve: Other than autogen so maybe I will briefly explain about the autogen we so we are having some kind of a business workflow so I'm working on those workflow workflow is basically nothing but the group of the agents as you already know and based on the prompts it actually executes right so the orchestrator of autogen comes in and…

Mandar Badve: it will execute based on your problem so we have the skillable skills which will talk with our platform APIs and…

Devansh Swarup: Understood.

Mandar Badve: recently we have started to mapping the skills to the MCP now so that we can eliminate the skills from the workflows so that agent will directly talk with the MCPS now so to do yes tools right correct correct correct.

Devansh Swarup: So when you say skills mean Autogen tools I think isol. Got it. So you have an orchestrator which is basically a super agent which is just an orchestrator which can execute certain tools for you and when required. Correct?

Mandar Badve: So it's actually mix mean so I have so basic orchestrator …

Mandar Badve: but for the complex workflows I'm using the workflow manager which is actually from autogen studio which have orchestrator capability in bit.

Devansh Swarup: Okay.

Devansh Swarup: So I got it.

Devansh Swarup: And how many of these deployments have you done? What is the scale of the current consultancy that you have done, current work that you have done?

Mandar Badve: Yeah. Yeah.

Mandar Badve: So scale wise it's actually on the platform anyone can login anyone can create own workflows. so I have added the seeded skills agents and…

Mandar Badve: workflow with the business description so that user can search it and then they can use it. So kind of marketplace so we are in the process to launch our marketplace so that it's u agentic framework something like this…

Devansh Swarup: What is the name of this?

Devansh Swarup: What is the name of this product? Mandar. Okay. Mhm.

Mandar Badve: but it's the internal name so I'm actually published it so it's internal name yeah and according to scalability so we have a So, Python service up is actually the core piece of this runtime. so the workflow gets loaded to the runtime and it executes so we are working on almost complete to migrate that runtime to docker.

Mandar Badve: So every time the workflow comes in we check the load balancer and accordingly we spawn a new instance to work on that. so we need a docker…

Mandar Badve: because we are having the executor agents also. So it actually creates a code runtime. we don't want to compromise in any kind of a security. So Correct.

Devansh Swarup: …

Devansh Swarup: what you're saying is your agentic framework, correct me if I'm wrong here, if my understanding is here or not, but your agent framework can be dockerized and deployed on prem of any enterprise customers. Correct. Multi what?

Mandar Badve: Correct. So in the both way single multi-enant and in the single tenant environment. so both can no multi-enments in the multi-custom environment.

Devansh Swarup: When you say multi- aent okay and…

Mandar Badve: So the single instance can be used for the multiple customers. so we have both kind of deployment.

Devansh Swarup: that hosting is run by you or run by a consortium of customers that are using that.

Devansh Swarup: So I'm trying to understand when you are doing a multi-enant execution who owns that server who's paying for that the consortium of customers.

Mandar Badve: Mhm. The of course customer will pay for that but all the operation will handle it. Yes sir.

Devansh Swarup: A got it. great that is helpful. And what is the scale of this business as of right now?

Mandar Badve: As of now you can say it's very at beginning stage. so we are working with couple of partners to understand their requirements and then building a workflow. So the framework so major part is ready. We are just building up the new framework to fulfill the business requirements.

### 00:05:00

Mandar Badve: That's it. Sure.

Devansh Swarup: Okay,…

Devansh Swarup: I got so I'll just move on to the second part of the whole discussion. So I just sent you a link on the chat lizer.ai. What I would want you to do is open up this link and then share the screen recording.

Mandar Badve: I just shared.

Devansh Swarup: So this is our platform mand this is the main website.

Mandar Badve: So wait a minute. Yeah. Okay.

Devansh Swarup: So we are also intellectual platform building we have a studio…

Mandar Badve: Mhm. Okay.

Devansh Swarup: where you can build different type of agents that could be integrated in existing workflows. We have good customers like Accenture mudra using our platform. So I just want you to click on agent sudi on the top right. and so that you can access the product and we'll just do a small quick demo and then we'll take a review or reviews. did you press agent studio?

Devansh Swarup: I'm not able to see that on your screen. I think it might have opened up in a different tab.

Mandar Badve: Hey, I just pressed it.

Mandar Badve: Need …

Devansh Swarup: You'll have to reshare that tab.

Mandar Badve: Yeah, let me share it.

Mandar Badve: Yeah. …

Mandar Badve: yeah, I signing up.

Devansh Swarup: This is the agent studio.

Devansh Swarup: You can see we have a agent marketplace where people have already built up their own agents and they can click anyone use it. So you can go to agents and…

Mandar Badve: Okay. No.

Devansh Swarup: start building your own agent as a test agent. And while you do it, I think we can get some reviews out what we are doing better, what we're doing worse as compared to other platforms. So you have only used Autogen, right? You have not used anything else.

Mandar Badve: So right now autogen is only used but I have done a p on the cream and the langraph. Yep.

Devansh Swarup: Okay, I think then you will be able to answer holistically. So you just create a new agent. You can see how easy it is to build agent on top of lizers. So this is a single agent setup.

Devansh Swarup: We're launching a multi- aent setup very soon. So you can add your own knowledge base. You can connect a couple of tools here. You can command and you can build a small agent and run it on the site so as to you can check it. Then also on the upper hand you have a agent API that you can use to integrate this agent in any of your workflows. You can build agent right now and then give me a feeler. How is it working? What do you feel we can improve here better as compared to lang chain crew autogen

Mandar Badve: Okay, first all major pros are here. Let me check XDL agent. So, okay.

Mandar Badve: So role means the instructions other so understand the customer queries and the providers of items. Okay and agent instruction define the role and instruction for the role manager agent enable this agent as a manager or multiple other agents. Got it. find out action items.

### 00:10:00

Devansh Swarup: You may also want to give the description also just to make it.

Mandar Badve: right.

Devansh Swarup: Yeah. Yeah.

Mandar Badve: So the description I mean this is this instruction right?

Devansh Swarup: Yeah. decision prompt.

Mandar Badve: So find out the action items from email body of provided context. clear of find out so not inut let me try

Mandar Badve: Your task is to fix actionable items from the provided body text. Construct the comprehensive must follow the steps carefully read and Create and detail to list based on the identified action. Determine the assigned appropriate individuals for the teams to the action teams and should present. The final tool is with assignment. We have an expert task of method task is identify and assign action items from the need body of the context. So now tools the select and configure the tools for agent.

Mandar Badve: Let's see it is opening in new tab. Let me reshare it. these are the tools available.

Devansh Swarup: And we'll add more as MCP becomes a standard.

Devansh Swarup: So you can just Yeah.

Mandar Badve: So if I type email Gmail comes up.

Mandar Badve: So maybe I will add it first. Let me give the mobile ID. I can disconnect get back to here then to refresh so if it gets automatically refreshed then that will be good.

Mandar Badve: So right now I have added the tool which redirect me to the new tab. so there I have done the additional steps and once I came back it should actually refresh the list automatically.

Devansh Swarup: Mhm. Yeah,…

Devansh Swarup: we are working on that. We have got that review also.

Mandar Badve: We can add a multiple group. example. This might be how the agent will respond

Mandar Badve: I've done very Not here.

Devansh Swarup: H. Hey,…

Devansh Swarup: you hear me on this?

### 00:15:00

Devansh Swarup: Yeah.

Mandar Badve: Maybe I need to add it here also. determin left side is done on the right hand side.

Mandar Badve: The core features enables the agent to access the custom duck Short-term memory returns the contextual memory for the last transaction very good option.

Mandar Badve: Long-term memory but this will come with the cost right the short-term memory and the long-term memory.

Devansh Swarup: No, no.

Mandar Badve: I think no. Okay. Okay.

Devansh Swarup: Incorporated in the plan that you are taking. Unless of course you're taking up enterprise and you have a very specific requirement that is where we could discuss but out of the box whatever you see is here is the price is already on the website.

Mandar Badve: Okay.

Mandar Badve: So pricing is against the agent, So, if you create a one agent, then there will be fixed price for that agent. Something like this.

Devansh Swarup: No, we have five different tiers of pricing.

Devansh Swarup: There's enterprise,…

Mandar Badve: Okay.

Devansh Swarup: there's so we'll discuss pricing. Once you do this now, I'll show it to you how you go also into let's say you're not given any agent description. If you want to run this agent, you let's just check it out how it's working. You can configure anyone anymore that you want.

Mandar Badve: Yeah, sure.

Devansh Swarup: You can test it out on the agent on the side only. Nothing.

Mandar Badve: So, before we create an So, the tools and all this stuff are So, let's say I mean anything I can grab it from.

Devansh Swarup: Okay, got it there.

Mandar Badve: Maybe this window maybe we can have some bigger in height…

Mandar Badve: because user might provide a lot of context. I don't get any

Mandar Badve: Peace.

Devansh Swarup: Is it Okay.

Devansh Swarup: Do you try it?

Mandar Badve: No no actually I'm editing in the notepad.

Mandar Badve: Just give me some of Yeah.

Devansh Swarup: Do as exhaustive testing as you want. I believe is really helpful. So also while you're doing that had you wanted to configure an agent such as this in autogen inch chain guru do you feel that it would have taken a lot of time for you to do this?

Mandar Badve: Yes. Yes. Yes. Yes. because first of all there are a lot of configuration that actually we shouldn't expose it…

Devansh Swarup: Mhm. Okay.

Mandar Badve: but the iterations and human in loop and all other stuff right so we can handle internally so according to your agent studio I think it's very clean looks like very clean yeah so on the right hand side there are a lot of options but I think if you have some detailed explanation or maybe that can be enabled based on your agent description automatically right so if I let's say read an email body and create an action item then it might suggest that you can add the Gmail as a tool so then some smartness right and…

### 00:20:00

Mandar Badve: maybe if…

Devansh Swarup: Mhm.

Mandar Badve: if you're doing it iteratively then it might suggest you would like to add a long-term memory or short-term memory based on your requirements. Something like this great

Devansh Swarup: I think that that is a good recommendation. I think I'll surely take this back to my product team for more reviews. this is the first sort of recommendation I've got which actually on a product seems to be very easily made whereas on the other the impact is huge. So this is really good. Thanks. Yeah, you do run this query. Let's just see what is the agent output on the incurrence here. Mhm.

Mandar Badve: So I give me some seconds. I'm copying it now. so let's see. Yeah. So I added the actual details. So let's see…

Devansh Swarup: Mhm.

Mandar Badve: so I have not added any kind of now title or something else. I'm directly giving a context. Yeah. So let's see how it actually figure out this now responsible right so maybe as I'm selecting this Gmail tool so maybe we can use this reflection sorry the responsible AI as a suggestion because I'm reading an email right so something like this so human in loop is there okay so it's coming so prompt injection yeah fasia Okay, there was an error in fetching the sender information. However, the action items have been clearly identified and assigned according to the outcomes meeting as follows.

Mandar Badve: action attempts number.

Mandar Badve: Okay.

Devansh Swarup: How is the output?

Devansh Swarup: Do you feel it's correct? if it's not correct, is it satisfactory at least? Mhm.

Mandar Badve: Yeah. it's satisfactory issues. but it actually starts with some kind of negative sentence so there was an error in fetching the sender information which is also right because if I read the next sentence however the action items have been clearly identified maybe here we can have some kind of a tweaking right instead of adding a negative sentence first so what the agent achieved that information we can add and…

Mandar Badve: then maybe at the last we can say that the sender information is not present something like this. so this is actually same the response we got from the partners and…

Devansh Swarup: Mhm.

Mandar Badve: customers so if the first sentence itself is saying that there has been some information is right now it's agent is not recognized…

Devansh Swarup: Mhm. Mhm.

Mandar Badve: then I think the mindset of the user the user or the customer might say this is not working correctly. partial it is working but it's not working correctly and that's how actually AI works right. So AI it's actually based on what the context and the prompt you provide. so it's ultimately how you represent it.

Mandar Badve: So that's it that is very crucial.

Devansh Swarup: Mhm. Okay.

Mandar Badve: I think and then action items are very good. because those are actually clearly added.

Devansh Swarup: Okay.

Mandar Badve: So maybe I will so after this meeting I will add some kind of complex pro context and let me check if it is able to find out because the email body is straightforward here. and then okay so somebody's also got this email list essential and the us okay it's good and…

Devansh Swarup: Mhm. Yeah.

### 00:25:00

Mandar Badve: I can chat here right so if I'm over here so please provide email to MB with action items Let's say…

Devansh Swarup: Yeah, you can. Yeah. Yeah, you can.

Mandar Badve: what a I'm working so there we started a separate department…

Devansh Swarup: then would you use it for your own business?

Devansh Swarup: I'm sorry. You also wanted to understand So you are only running an AI agency firm or are you also working somewhere else? What is your professional life look like m okay would you use this in production?

Mandar Badve: where we actually do R&D on the gas stuff. So the framework is designed for production only.

Devansh Swarup: Would you use this internally in your day-to-day job versus an auto chain or autogen lang chain?

Mandar Badve: So maybe in a couple of month we'll be able to deliver it on the production.

Devansh Swarup: Mhm.

Mandar Badve: Right now it's on the dean instances.

Mandar Badve: Yeah. Yeah. I think I got an email but it should ask me you please provide an email. and…

Devansh Swarup: Mhm.

Devansh Swarup: Mhm.

Mandar Badve: then I have a tool This tool the Gmail is already configured. Maybe on behalf of Right.

Devansh Swarup: Tool configuration is not like tool configuration not done properly.

Mandar Badve: So on behalf of me, it should send an email. So once I approve this email then agent should send an email

Devansh Swarup: Mhm.

Devansh Swarup: Got it. I think once we integrate all of these tools via MCP or all of these problems would be solved. using another service that sort of gives us a problem. But I think more or more or less on the use case front. Do you feel you can completely replace lang chain autogenu autogen and crew AI via lizer or do you feel that there's more work to be done on the product to sort of make it more production ready for people such as yourself to use it on a day-to-day basis. Mhm.

Mandar Badve: So day-to-day basis if I want to use so autogen is just a designing a framework. so there new autogen studio I don't have idea about it.

Mandar Badve: So they are currently building it. and it's not completed.

Devansh Swarup: Mhm.

Mandar Badve: So they have the designer but they are more focused on the workflow. So if you have a more complex workflow then how you can debug it right. So here it looks like the agent we can start with agent for the specific task like finding out an action item based on the email and…

Devansh Swarup: Mhm.

Mandar Badve: then you can write an email and then you can automate so that trigger something is missing here. Maybe if the email comes from this sender

Devansh Swarup: Okay. Mhm.

Mandar Badve: then you can autonomously trigger the agent and do as per the instruction right so that's trigger maybe we can add here yeah I think the designer part right so not design part sorry the debugging part right so…

Devansh Swarup: Mhm. Mhm.

Mandar Badve:

Mandar Badve: if something breaks here.

Mandar Badve: So if it is saying right so there was an error in fetching the sender information. So maybe it should also give the suggestion how you could provide better context or…

Devansh Swarup: Mhm.

Devansh Swarup: Mhm.

Mandar Badve: maybe how you can improve the instructions. so is a testing phase right so I'm testing it here and right here if I get a feedback about how to improve the inance and…

Devansh Swarup: Mhm.

Mandar Badve: it might be useful for your internal feedback loop right so then you can it in your improve functionality so…

Devansh Swarup: Got it. Okay.

Mandar Badve: how the people are using it that and the third thing is if the end customer if it is in B2C then I think we need a lot tools here because I'm using both email providers like Gmail and the Microsoft is I don't think so …

Mandar Badve: but likewise people are using a lot of tools so if you provide those tools then it will be the compute solution for the end users so all the tools right these are the Yeah.

Devansh Swarup: Mhm. Got it.

### 00:30:00

Devansh Swarup: Got it. Sounds fair.

Mandar Badve: So maybe I will play around it and…

Devansh Swarup: These are good. Mhm. Sure.

Mandar Badve: then maybe we give more feedback here.

Devansh Swarup: Sure. M.

Devansh Swarup: do play around with it and if you have any questions regarding something not working anything anything you else feel could be improved happy to sort of get another conversation I'll also add you to the review program that we are running so we running a review program for a lot of developers who get an early access to our two version two will sort of sol your problems here we have multi- aent orchestration more tools and we'll specifically early release it for people who are helping us review right now so that we can keep on iterating and build a more developer focused

Devansh Swarup: product and I think we'll stay in touch. let me just circle back with my product and incorporate these changes and I'll add you to the community channel to our channel so that you will get updates on what is happening in Lizer how the product has improve and maybe you can then eventually start using it for your own production and I'll happy to connect again whenever you need any other help in anything else happy to sort of get involved and…

Devansh Swarup: helps you through it. Thank you so much. Mhm.

Mandar Badve: We are sure just one last thing.

Mandar Badve: So here the examples are So I actually wrote this example, So if you have something pre-built templates we certainly have the template for the action items, right? so based on what the user is asking, we can present a template. so we can prepare the template by using the LM also and…

Mandar Badve: then we can present some two three options and then he can customize it again. So at least so this is soizing the human steps here.

Devansh Swarup: Mhm.

Mandar Badve: But here I wrote entire the example, So maybe we can also add some kind of template here.

Devansh Swarup: So this is a good suggestion.

Mandar Badve: Based on the

Devansh Swarup: Let me just also tell this to the product team. which is recording and transcribing all of this. So I'll give a detailed report back to the product and the tech team to iterate on these changes figure out what is the priority. But this is a good solution.

Devansh Swarup: I think thank you so much ma this is again another one of those position that is low cost to implement…

Devansh Swarup: but very high in value in terms of experience so thank you I think that's correct yeah okay thank you I'll circle back next email only okay cool thank you

Mandar Badve: Okay.

Mandar Badve: Okay. Yeah. Thanks. Yeah. Bye.

### Meeting ended after 00:32:49 👋

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