

We were formally known for a well know brand named Ajira Tech in the industry which is a high end consulting firm, building end to end products and solutions for enterprise customers. We've rebranded as Adept Labz for services and our product name is Casa Retail AI.

AI Product Company - **Casa Retail AI**

CasaRetail.ai

<https://casaretail.ai>

Deep Tech Service Company: **Adept Labz**

<https://adeptlabz.com/>

Founded by Sathyanarayanan (Sat) having more than 2 decades of experience in global software development and 15+ years in the retail technology sector. He was Ex global head of retail at ThoughtWorks & Wipro, working with top 100 retail customers in the US.

Through his industry experience in retail space, Sat worked in parallel with some of his innovative ideas in Retail Tech and built a product which eventually got a great demand and product market fitment in the retail industry. Currently the product is serving more than 20 million customers and 2000 stores across the globe, helping Enterprise Retail clients at a massive scale. Some of our premium customers are Croma, FabIndia, Tony&Guy, Derby, Indian Terrain, Under Armour, Bose and others.

Recently Croma has awarded CASA Retail AI as the best Customer Engagement Company for our significant contribution in increasing the sales by 40%.

About Product:

Casa Retail AI is a Deep Tech AI product start-up disrupting in Enterprise Retail space.

We have 10 suits of products integrated together to delight customers at every step of their shopping journey through AI driven Omni-channel experience. Our AI Powered product offering starts right from in-store consumer engagement through personalized product recommendations, automating behavior based personalized campaigns and redirecting the consumers to customer websites, providing combos, offers and loyalty to consumers which would be more personalized to each and every consumers by personalize their journey knowing more about the them through AI and Analytics.

In overall view, we help our Retail Enterprise Customers with business intelligence and solutions to increase the sales, ATV (Average Transaction Value), customer retention and eventually the revenue through Analytics and AI.

We're exponentially growing Month-On-Month, partnering with leading Tech Giants in retail space and generating significant ARR. As we grow, the scale at which our

platform handles double down month on month, so we're looking for core product developers and architects with entrepreneurial mindset who could brainstorm ideas, research the market, come up with the technological choice, design, architect, and develop products to solve complex business problems and scale the product and make it highly scalable and reliable using cutting edge technologies.

Founder:

Sat Vijayaraghavan

Founder and CEO at Ajira.Tech and CASA.Retail AI

<https://www.linkedin.com/in/satvijayaraghavan/>

Work Culture:

https://medium.com/@sat_88884/practices-that-we-evolved-to-suit-our-business-and-culture-part-1-hiring-bfd7d4e7269e

https://medium.com/@sat_88884/practices-that-we-evolved-to-suit-our-business-and-culture-part-2-performance-appraisal-salary-5ebff63a737b

Role: Fullstack / Backend Developer

CTC: 7 LPA

Eligibility:

1. Open for any departments in BE/B.Tech or ME/M.Tech or Arts background.
2. No restrictions in CGPA or percentage of marks in 10th and 12th
3. No constraints on the history of backlogs

Candidates who comes with coding and good problem solving skills can take part in the interview.

Tech Stack:

Key technologies utilized as part of the platform:

1. Core Java, Spring Boot, Node JS, Python, Rails, Scala, Kafka, Spark.
2. Kotlin, React JS, Angular JS, React Native, native apps (android)
4. Postgres, Elastic Search, Kubernetes, CI/CD and automation, Keras, Spark ML etc

Casa Retail AI product focuses on mid & big retailers and it is a one-stop solution for customer engagement. We help the retailers to improve their strategies through the implementation of various algorithms in predictive modeling, Neural networks, and other classifiers along with behavioral analytics which intends to bring out the buying patterns of the consumers. Our product involves algorithmic bits from multiple disciplines and involves collaboration across various teams. We are trying to make sense of diverse streams of unstructured data and engineer an intelligent product. We are looking for enthusiasts with a focus on Machine Learning Engineer

to deliver theoretically elegant, algorithmic, and practically efficient, well-engineered solutions to hard problems.

Responsibilities:

Bring in a "can-do" attitude

Passion towards technology and software engineering - open source, pet projects, conference talks, getting better at writing clean code.

Participate in a highly fluid environment applying agile software development principles.

Carry out unit tests and other quality control mechanisms to inform and validate the designs and code

Work with product owner/BAs to bring an end to end perspective of the problem.

Ability to ask the right questions and communicate your ideas with clarity.

Ability to collaborate with various stakeholders and take complete ownership.

Participate actively in building one of the most impactful organizations in retail technology.

Requirements:

Quickly adapt to our startup environment which is both demanding and fast-paced (but is also a lot of fun).

Eager in learning new concepts, technologies and be productive in short time.

Convert a raw idea into usable real-life software products Write modular, readable and maintainable code.

Good understanding and working knowledge of technologies worked.

Demonstrate good problem solving skills

Own and be able to manage a small to medium sized modules.

Demonstrate ability to guide and coach a new team member or fresher.

Interview process:

1. First Technical Round: Coding Challenge (Duration: 2 hours)

Candidates are expected to take the sample test from the below link before attending the first round of interview. We are using our own coding platform and this exercise is purely to get used to the coding platform for the first round. People who don't practice this sample problem could find it difficult during the coding contest.

Sample problem Link : https://vyacas.ajira.tech/web?access_token=1a8ccfbc-d089-42db-ad07-77c5aed4c34d

We value integrity in the process. We manually go through each line of code and check whether it is copied or not. Copied candidates would be rejected directly from the interview process.

2. **Second Technical Interview:** Pair Programming round - Object Oriented Programming (OOPs) (Duration: 1.5-2 hours)

Sample problem link:

<https://drive.google.com/file/d/1lZu2RmuHvsuyJETEYq79vHTVmDoldUP7/view?usp=sharing>

Below are the attributes we would be expecting in this round.

- * OOPS concepts has to be used
- * This not a competitive program round
- * Follow your language's naming conventions for classes, functions, variables
- * Compact functions
- * Meaningful names for functions/classes/variables
- * Code re-usability (no repetition of logic)
- * Identification of domain elements and splitting them into classes with associated behavior
- * Tests, if possible
- * Console application
- * Any IDE of your choice, any language of your choice

3. Third Technical interview: Database Modelling round using RDBMs (Will be conducted in the upcoming days post OOPs interview and time will be given to prepare for this round)

We expect candidates to practice problems on Design Patterns, OOPS and Database modelling for this round.

Below are our checklists for this interview:

1. Domain modelling
2. associations ===== 1 - 1, 1 - n, n - n
3. inheritance
4. query

Please find the sample links below to prepare for the interview.

Normalization: <https://www.guru99.com/database-normalization.html>

DB Design: <https://blog.devart.com/sql-database-design-basics-with-example.html>

<https://stackoverflow.com/questions/3653462/is-storing-a-delimited-list-in-a-database-column-really-that-bad>

<https://www.youtube.com/watch?v=HubezKbFL7E>

4. **Final Interview:** Inception and Culture fitment

We give you scenarios on software products and ask you to come up with workflows, technological choice and so on. This round is purely to understand your knowledge in building systems end to end.

Our interview process exactly replicates what you'd do at Casa. Hope you will enjoy the process.

All the best!!!