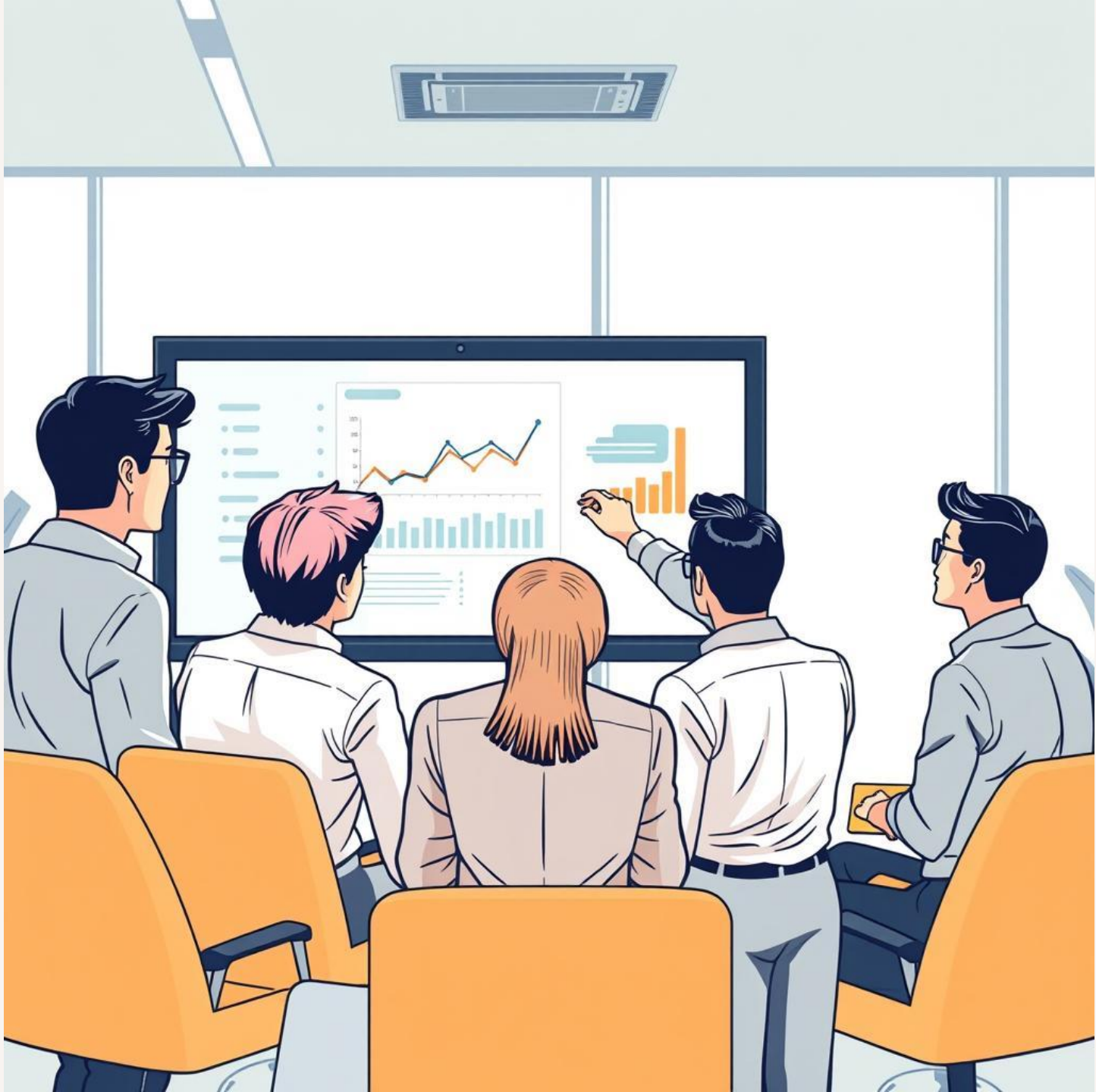
INVOICEABLE

AI-Powered Invoice Processing Tool for Accounts Payable (AP) Enterprise Units

CSU AI Summer Camp



MEET THE TEAM!

Mentor: Shrey Shah

Carlos De Orta

Emanuel Gonzalez

Noah Gallego

Harpreet Kaur

Elizsa Montoya

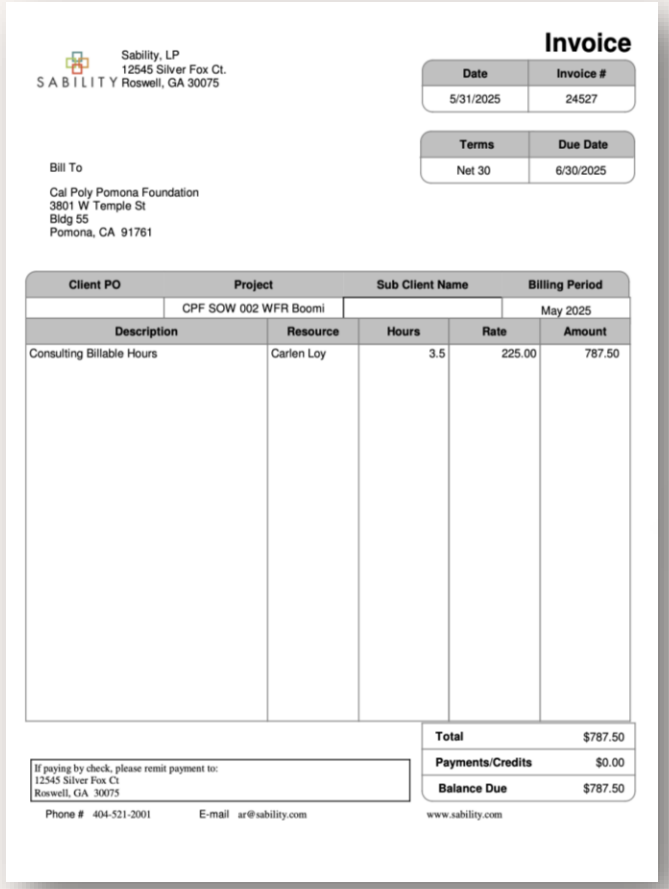
Invoicing: Ancient process, modern problems.

12 mins per invoice (2023 Bottomline Data).

Still slow. Still Manual.

TEDIOUS MANUAL INVOICE PROCESSING

- AP Clerks: 1 by 1
- Inefficient, costly, error-prone
- Frustration, fatigue, disengagement



Sability, LP
12545 Silver Fox Ct.
SABILITY Roswell, GA 30075

Invoice

Date	Invoice #
5/31/2025	24527

Terms	Due Date
Net 30	6/30/2025

Bill To

Cal Poly Pomona Foundation
3801 W Temple St
Bldg 55
Pomona, CA 91761

Client PO	Project	Sub Client Name	Billing Period
	CPF SOW 002 WFR Boomi		May 2025

Description	Resource	Hours	Rate	Amount
Consulting Billable Hours	Carlen Loy	3.5	225.00	787.50

Total	$787.50
Payments/Credits	$0.00
Balance Due	$787.50

If paying by check, please remit payment to:
12545 Silver Fox Ct
Roswell, GA 30075

Phone # 404-521-2001 E-mail ar@sability.com www.sability.com

PDF

Invoice date	Blank	Blank	Description	Amount	Due Date
5/8/25			Fumigation Child Cntr	11819.80	7/16/25
5/26/25			NAFSA Annl Conf 2025	373.80	7/16/25
5/26/25			NAFSA Annl Conf 2025	263.00	7/16/25
6/13/25			Prof Devp WSET Lv2 Cours	699.00	7/16/25
8/1/21			Stdy Abrd Paris Google Maps	429.63	7/16/25
6/17/25			Petty Cash	181.09	7/16/25
6/7/25			NACAS West CX-Ed expo netwrkng	1468.17	7/16/25
4/25/25			4/4-4/25/25 Mkr Stdo Tshrt press prj	170.00	7/16/25
5/5/25			4/1-5/2/25 Wrkshp & Embrdry Prj	425.00	7/16/25
6/10/25			1/25 - 5/25	1000.00	7/16/25
6/17/25			4/1 - 5/2/25 iLabs Mkr Stdo swng machn	425.00	7/16/25
6/17/25			2/7- 3/28/25 iLabs Mkr Stdo swng machn	595.00	7/16/25
6/27/25			6/23-6/27/25 iLabs Summr Camp	250.00	7/16/25
6/10/25			Trvl Geo-Cngress Geo PRED Comp	936.92	7/16/25
6/18/25			Summr 2025 Prkng Permit reimbrs	158.08	7/16/25
7/8/25			Ovrpymnt Tut	205.00	7/16/25
5/22/25			DSA YE meal	1314	7/16/25

Spreadsheet

INVOICEABLE: AUTONOMOUS INVOICE PROCESSING

Automates Data Extraction

Capture invoice numbers, amounts, and other relevant fields automatically.

Generates Structured Output

Capture invoice numbers, amounts, and other relevant fields automatically.

Provides Verification

Capture invoice numbers, amounts, and other relevant fields automatically.

Ensures Accuracy & Auditability

Capture invoice numbers, amounts, and other relevant fields automatically.

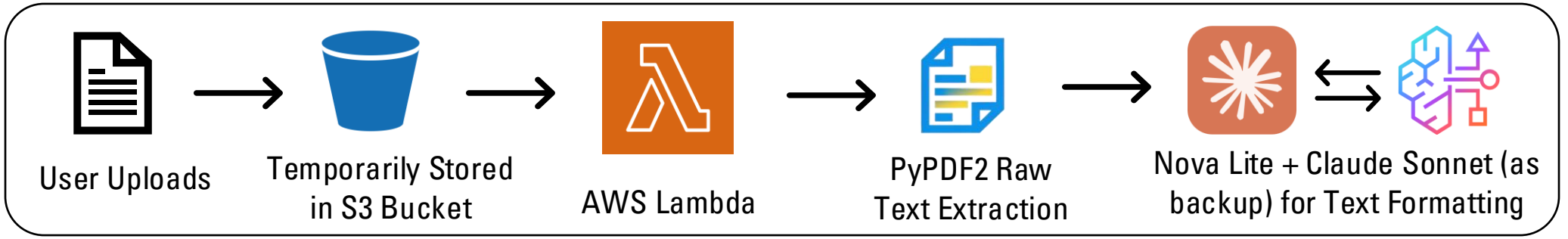
SOLUTIONS: AI READS, HUMANS LEAD.

- AI + HUMAN = BETTER WORKFLOW
- PDF → Text Extraction→ Formatting → Review PDF → AI Analysis → Export CSV
- Requires human oversight
- AP teams have more time for real problem-solving
- **Smart Chat Assistant = Built-in Data Analyst**

→ *Answers in summaries and insights - at a glance.*

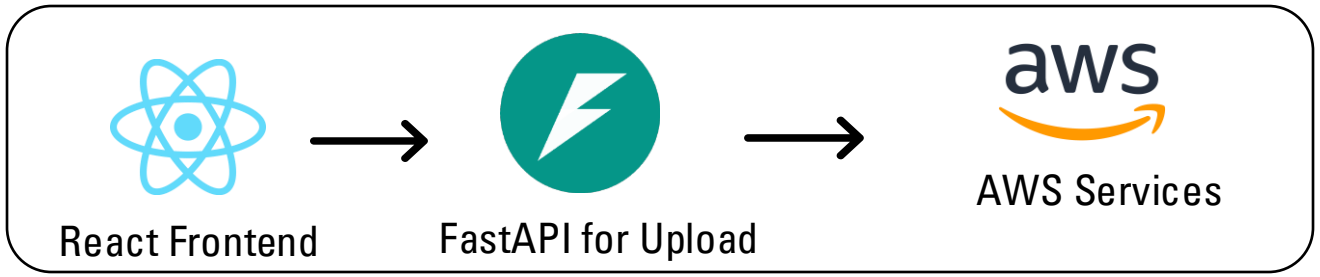
TECHNICAL ARCHITECTURE

Extraction Layer

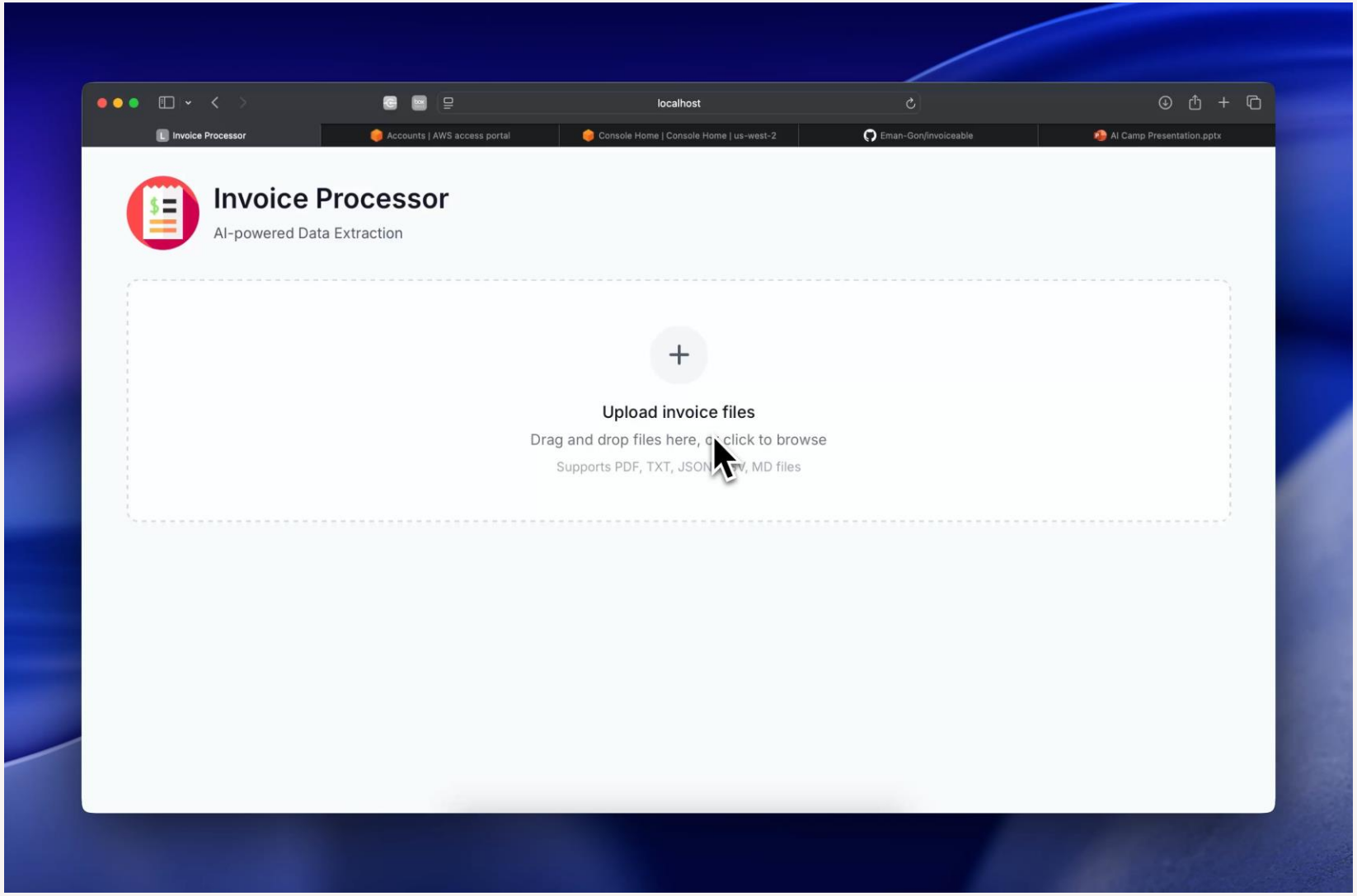


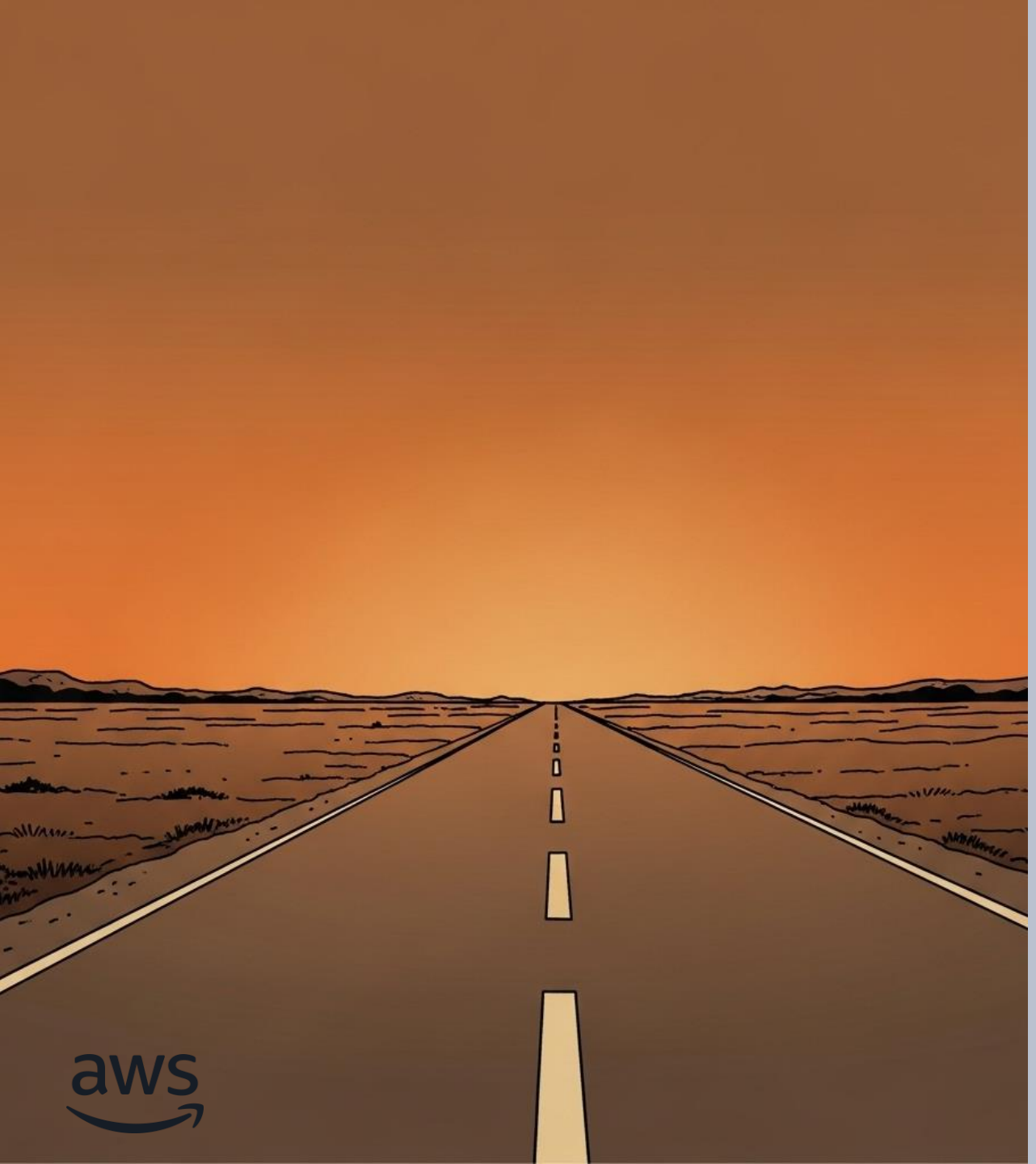
Chat Layer

App Layer



DEMONSTRATING THE INVOICE EXTRACTION & REVIEW PROCESS





FUTURE PLANS

1. Smart Document Processing

- Handle any document format
- Multi-language support
- Computer vision for poor-quality documents

2. Enhanced Security & Compliance

- Secure audit trails that cannot be changed
- Detect suspicious invoices automatically
- Create audit reports in seconds

Q&A

“Where automation meets human insight.”

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