

FILLMATE

"Transforming manual billing into seamless AI-powered workflows."

Cognitive Coders

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Problem Statement :-

An organization has a lot of bills that require somebody to manually key in. Use Gen Ai to read and fill pre defined templates.

Problem's :-

1

Organizations receive hundreds to thousands of bills monthly.

2

Bills come in various formats

3

Manual entry is time-consuming, error-prone, and costly.

4

Delays in processing



Delays in payments



Business inefficiencies.

Solution :-

1

An AI-powered solution that automates the process of bill data entry using Generative AI and OCR technology.

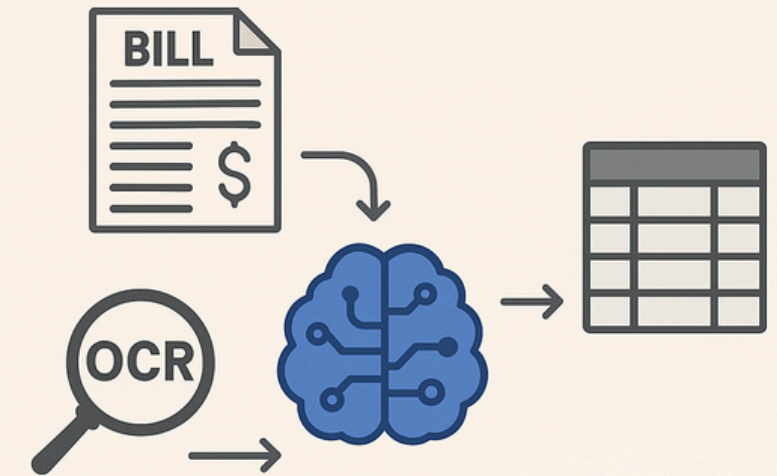
2

This system reads bills in any format, extracts key information like vendor name, amount, date, and tax details, and automatically fills them into predefined templates or databases.

3

It eliminates manual data entry, reduces errors, and speeds up processing, making financial workflows faster, smarter, and more efficient.

**Smart
Automation of
Bill Processing
Using
Generative AI**



Step's Followed :-

Input(PDF/Img).



Use of OCR (Optical Character Recognition) to read image/PDF bills.



Extraction of Date, Name, Amount etc.



Parsing data and fills into predefined templates (e.g., Excel, ERP fields).



Display In Excel.

Tools & Technologies Used :-

OCR Layer : Tesseract.

Tools : HTML, CSS.

Integration : Tesseract.

Output : CSV, Excel, JSON.

Architecture :

project-root/

├── Backend/
│ └── app.py.

└── Frontend/
 └── Template

└── index.html.

Why FillMate ?



Time Saved :

80–90% faster.



Cost Reduction :

Save on manpower



Accuracy :

95%+ data accuracy



Scalability :

Process thousands of
bills simultaneously
without increasing
manpower.

Conclusion :

We transform a tedious, error-prone task into a seamless, automated workflow. This isn't just a tech upgrade, it's a strategic leap toward smarter operations, empowered teams, and faster decision-making.

Let's stop typing and start transforming.



Thank you!