Demo controls

Provide a chest X-ray (PNG/JPG). Optionally attach a PDF report/ID (will be de-identified).

Sample X-ray: any PNG/JPG image will work for this demo.

This demo de-identifies obvious PII in extracted text and never stores data persistently.



🖺 Multi-Agent Healthcare Assistant — Educa

Important: This is a demo. **Not medical advice.** For emergencies call local emergency services.

Upload chest X-ray (PNG/JPG)



Drag and drop file here

Limit 200MB per file • PNG, JPG, JPEG



xrayimg.jpeg 6.0KB

Optional: Upload report/ID (PDF)



Drag and drop file here

Limit 200MB per file • PDF



UXUI resume.pdf 184.4KB

Patient age

45

Allergies (comma separated)

ibuprofen

Patient latitude (for pharmacy match)

19.120000

Patient longitude (for pharmacy match)

localhost:8501 1/15 72.840000

Run triage & therapy

Results

Ingestion output

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"notes":

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```
"Ashish Kumar Upadhyay
GitHub | LinkedIn | [REDACTED_EMAIL] | [REDACTED_PHONE]
Profile
A well -organized, creative, and goal -oriented graduate possessing
excellent communication, problem -solving , and leadership
skills with a flair to explore suitable avenues in Computer Science
Engineering while developing advanced projects with
efficiency and quality. Dedicated engineering student passionate about AI
and machine learning. Seeking to advance skill s
in developing autonomous navigation algorithms to drive innovation in
emerging technologies .
Experience
SnSilos - Robotics and IoT
Jul [REDACTED_ID] - Dec [REDACTED_ID]
Key Skills: Python, Data Research, Data Analysis, Research, Technical
Documentation, Technical Writing, Technical
Analysis, Data Visualization, LaTeX, UI Development, UX Design
Description:
 Survey on different machine learning techniques used for plant disease
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 I created a UI for the product and completed the study .
 The drone was detecting the disease from the videos captured by it in
real-time.
Skills Developed: Research, UI/UX, Data Analysis
Education
Chandigarh University | Bachelors of Engineering in CSE(hons.) with
specialization in Artificial
Intelligence and Machine Learning | [REDACTED_ID] - [REDACTED_ID] | Mohali,
Punjab, India
Army Public School | Sr. Secondary Education | [REDACTED_ID] -
[REDACTED_ID] | Tezpur , Assam , India
Skills
Technical Skill s
Languages: Python, LaTeX , SQL, HTML, CSS
Technologies: UXUI , Canva, Git, GitHub, Power BI , Figma, MySQL,
PostgreSQL
Concepts: Technical Writing, Data Research, Data Analysis, Data
Visualization, Image Processing, Machine Learning, UX
Design, UI Development, Data Analytics, Computer Vision , Research and
Development, Database management, Rational
and Sequential databases , PL/SQL, Web Designing , Wireframing
Soft Skills
Leadership, Problem -Solving, Decision Making, Critical & Analytical
Thinking, Exponential Thinking, Time Management,
Eloquent Communicator, Passionate, Teamwork and Collaboration, Conflict
Resolution, Effective Listening
Projects
J4D Website | June [REDACTED_ID] - December [REDACTED_ID]
• Designed the J4D (Jobs for Developers) website with a UI/UX designing
team in Figma, enabling developers to
```

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Multi-Agent Healthcare Assistant (Demo)

search jobs, create resumes with templates, check ATS scores, and track applications. Employers can post job openings effortlessly on this user -friendly platform.

Page 2 • Figma Link:

https://www.figma.com/design/zXjabJl72bx8GieO8CVMbm/J4D -Website -Design?

node -id=704
308&t=rZZJ5UayamfrQO7Y -0

Docify App Interface | July [REDACTED_ID]

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1&t=rj1XjUD∨QP2VYnld -0

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and-Sample -Dashboard?node -id=0-1&t=ChF7Fi7TJ7SR09QE -0

Publications

Advancing Healthcare Support: Integrating Intelligent Chatbot Technology for

Symptom Assessment and Medical Assistance | (In - proceeding)
July [REDACTED_ID] - Present

Description: We developed an AI healthcare chatbot using NLP and machine learning, leveraging LSTM networks to assess

symptoms and offer emergency guidance, enhancing clinical services with ethical and user -focused design.

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IIRA4.0 | Feb [REDACTED_ID] - Apr [REDACTED_ID]

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Machine Learning in Medical Sites and Healthcare

CCICT2024 | Aug [REDACTED_ID] - Feb [REDACTED_ID]

Description: We integrated machine learning also

Description: We integrated machine learning algorithms into medical websites, enabling personalized predictions and enhancing the delivery of up -to-date healthcare information,

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localhost:8501

```
Estimate price prediction in travelling
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  Aug [REDACTED ID]
  Description: We reviewed advanced statistical and machine learning
  techniques for predicting travel package prices,
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  ML-based number plate recognition model using Yolov8 and Computer Vision
  3rd ASIANCONS | doi: 10.[REDACTED_ID]/ASIANCON58793.[REDACTED_ID].
   [REDACTED_ID]. | Apr [REDACTED_ID] - July [REDACTED_ID]
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  enhancing public safety and transportation efficiency.
  Co-Curriculum Activities
   • Former Campus Ambassador of Coursera
   • Former Campus Ambassador of NPTEL
   • Former Campus Ambassador of LinkedIn
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  Other Activities
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   drawing
  Personal Details
  Gender: Male
  Date of Birth: 25 August, [REDACTED_ID]
  Languages Known: English, Hindi
  Marital Status: Single
}
```

"xray_path": "uploads\xrayimg.jpeg"

localhost:8501 6/15

"notes_raw":

localhost:8501 7/15

```
"Ashish Kumar Upadhyay
GitHub | LinkedIn | ashishupa2501@gmail.com | 8932855825
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localhost:8501 8/15

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Other Activities

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- drawing

Personal Details

Gender: Male

Date of Birth: 25 August, 2002 Languages Known: English, Hindi

Marital Status: Single

11

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"notes":

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```
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ICICC2024 | https://ssrn.com/abstract=[REDACTED_ID] | Dec [REDACTED_ID] -
```

localhost:8501 13/15

```
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3rd ASIANCONS | doi: 10.[REDACTED_ID]/ASIANCON58793.[REDACTED_ID].
[REDACTED_ID]. | Apr [REDACTED_ID] - July [REDACTED_ID]
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• Winner in Inter School Cluster Level Football Tournament
• Runner -up in Inter School Cluster Level Basketball Tournament
• Runner -up in Inter School Cluster Level Volleyball Tournament
Other Activities
cooking
drawing
Personal Details
Gender: Male
Date of Birth: 25 August, [REDACTED_ID]
Languages Known: English, Hindi
Marital Status: Single
```

Imaging output

}

```
"{
    "condition_probs": {
        "pneumonia": 0.52
        "normal": 0.39
        "covid_suspect": 0.1
}

"severity_hint": "moderate"
    "meta": {
        "ts": "2025-10-01T09:54:46.625178"
}
```

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}

Therapy output

Doctor escalation

```
"recommended": true

"reason": "Imaging low-confidence"

"doctor": {
    "doctor_id": "doc001"
    "name": "Dr. A Chopra"
    "tele_slot": "2025-10-01T09:00:00"
}
```

Made with Streamlit

localhost:8501 15/15