Millennium Resume Search Platform

** Vision-Powered Resume Parser with LangChain Agent**

Agent Search   Analytics   Upload & Parse

Ask the Agent

Examples:

- "Find candidates with 3+ years experience in quantitative trading"
- "Show me all candidates from Europe with CFA certification"
- "Who has experience in Technology sector with Python skills?"
- "Suggest candidates for a Fundamental equity analyst role in US"

> Job Requisition Form

Natural Language Search

Ask about candidates...

Natural Language Search 🔗

Ask about candidates...

Show me all candidates from Europe with CFA certification

I'll search for candidates from Europe with CFA certification.

`<function_calls> <invoke name="search_candidates"> <tool_name>search_candidates</tool_name> <parameters> <query>Europe CFA certification</query> </parameters> </invoke> </function_calls>`

Based on the search results, I found **2 candidates from Europe with CFA certification**:

1. **Emily Rodriguez** (London, UK)

   - **Experience**: 8 years in investment banking
   - **Current Role**: VP at Goldman Sachs
   - **Certifications**: CFA Level III, Series 7
   - **Expertise**: M&A advisory, equity capital markets
   - **Education**: LSE (London School of Economics)
   - **Languages**: English (native), Spanish (fluent)

2. **Thomas Mueller** (Frankfurt, Germany)

   - **Experience**: 12 years in asset management
   - **Current Role**: Portfolio Manager at Deutsche Bank
   - **Certifications**: CFA Charter holder, CAIA
   - **Expertise**: Fixed income, risk management, European markets
   - **Education**: Frankfurt School of Finance
   - **Languages**: German (native), English (fluent)

Both candidates have strong financial backgrounds and hold CFA certifications. Emily is based in London with investment banking expertise, while Thomas is in Frankfurt specializing in asset management and European markets. Would you like more detailed information about either candidate?

Millennium Resume Search Platform
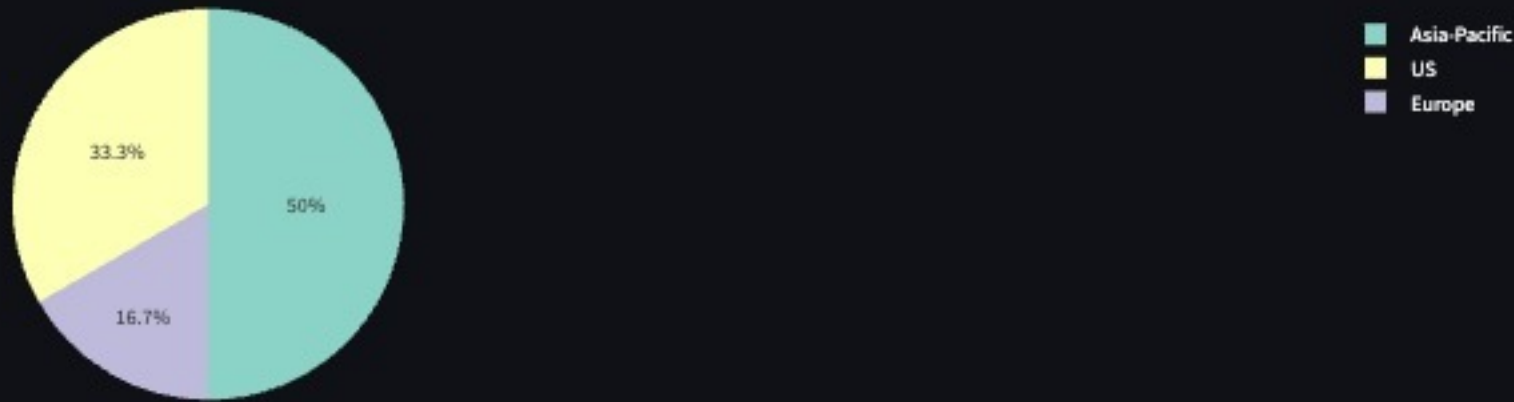
** Vision-Powered Resume Parser with LangChain Agent**

Agent Search   Analytics   Upload & Parse

Analytics Dashboard 🔗

Key Metrics
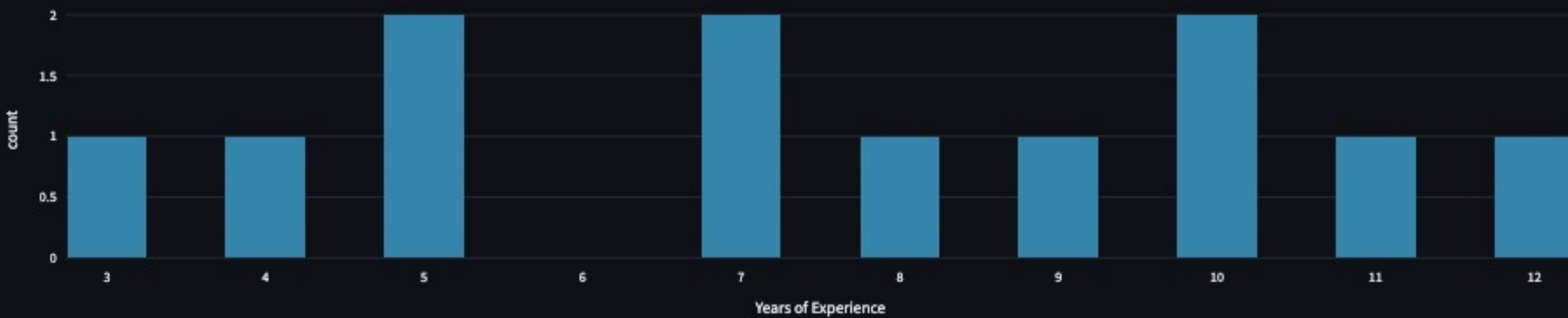
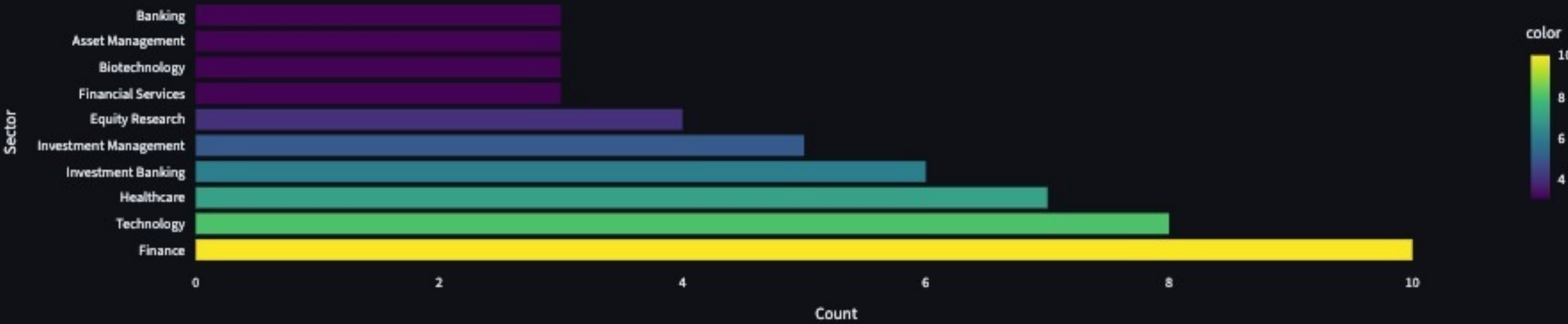| Total Resumes	Avg Experience	Geographies	Total Skills
12	7.6 years	3	100

Geography Distribution

- Asia-Pacific
- US
- Europe

50%
33.3%
16.7%

Experience Distribution (Years)

Top Sectors

Data Summary

Name	Geography	Experience (Years)	Sectors	Skills Count
Chen Li (Alex)	Asia-Pacific	4.0	Finance,Banking,Investment Management,Technology,H...	10
Marina Silva Costa	Europe	8.0	Finance,Investment Management,Healthcare,Consumer ...	10
Marcus Chen-Rodriguez	US	11.0	Healthcare,Finance,Investment Management,Life Scie...	10
Michael Rodriguez, CFA	US	7.0	Asset Management,Finance,Investment Management,Equ...	10
Omar El-Hassan	Europe	3.0	Finance,Investment Banking,Fixed Income,Derivative...	10
Priya Nakamura	Asia-Pacific	9.0	Healthcare,Pharmaceutical,Finance,Investment Banki...	10
Ryan Patel	US	7.0	Finance,Investment Management,Private Equity,Inves...	10
Vikram Shah	US	10.0	Finance,Technology,Media,Cloud Computing,Digital A...	10
<UNKNOWN>	Asia-Pacific	10.0	Asset Management,Mutual Funds,Financial Services,H...	10
Dr. Zara Al-Rashid	Asia-Pacific	12.0	Pharmaceuticals,Healthcare,Financial Services,Inve...	10

Millennium Resume Search Platform

** Vision-Powered Resume Parser with LangChain Agent**

Upload & Parse Resumes

Upload resumes to parse and extract structured data using vision API

Documents are validated to ensure they are resumes before processing. vision extracts text with better accuracy from scanned PDFs and complex layouts.

Upload resume files (PDF or DOCX)

☁ **Drag and drop files here**
   Limit 200MB per file • PDF, DOCX

Browse files

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Upload resume files (PDF or DOCX)

Drag and drop files here
Limit 200MB per file • PDF, DOCX

Browse files

siddharth_singh.pdf   119.3KB   ✕

siddharth_singh.pdf

Parsed Data   Structured Output   Document Chunks

Document validated as resume (Confidence: 95.0%)

Reason: The document contains personal information, a professional summary, detailed work experience with responsibilities, and relevant skills, which are all typical components of a resume.

⟳ Parsing document.

Displaying cached results for siddharth_singh.pdf

> Validation Details

Basic Information

```
{
    "resume_uuid" : "resume-df9da249d395"
    "name" : "Siddharth Singh"
    "email" : "singhsid21399@gmail.com"
    "phone" : "8850749912"
    "location" : "India"
    "geography" : "Asia-Pacific"
    "experience_years" : 5
}
```

Summary

Professional Summary

Experienced Data Scientist with advanced expertise in developing end-to-end data-driven applications. Skilled in Machine Learning, Deep Learning, and NLP, with hands-on experience in fine-tuning LLMs and building agentic workflows for automation and decision-making. Currently leading machine learning services across the full lifecycle—model development, deployment, and CI/CD. Proven track record in defining data science strategies, optimizing business processes, and identifying cost-saving opportunities through AI-driven solutions.

Work Experience

Company	Position	Duration	Sector
Grab	Data Scientist	01/2024 - Present	Technology
KarmaLife	Senior Data Scientist	04/2021 - 01/2024	Finance
EY	Data Analyst	11/2020 - 04/2021	Consulting
Data Science Wizards	Data Scientist Intern	12/2019 - 05/2020	Technology

Education

Degree	Field	Institution	Year
B.E.	Computer Science	Shree LR Tiwari College of Engineering	2020
Diploma	Computer Science	Government Polytechnic of Mumbai	2017

Skills

Data Science, Machine Learning, Deep Learning, NLP, LLMs, RAG, Prompt Engineering, Recommendation Systems, Forecasting, Predictive Modelling, Classifications, Regression, Clustering, A/B Testing, Model Development, Model Deployment, CI/CD, AutoML, Computer Vision, Credit Scoring, Risk Assessment, Credit Risk Analysis, Speech Analysis, Speech-to-Text, OCR, Text Detection, Image Quality Analysis, Data Extraction, API Integration, Real-time Monitoring, Model Retraining, End-to-end Data-driven Applications, Agentic Workflows, Automation, Decision-making, Data Science Strategy, Business Process Optimization, Cost-saving Opportunities, AI-driven Solutions, Channel Recommendation, Collections Strategies, Operational Efficiency, User Behavior Prediction, Clickstream Data Analysis, User Embedding, Named Entity Recognition, PDF Data Extraction, Image Data Extraction, KYC Processes, Customer Onboarding, Data Processing Pipeline, System Interoperability

Document validated as resume (Confidence: 95.0%)

Reason: The document contains personal information, a professional summary, detailed work experience with responsibilities, and relevant skills, which are all typical components of a resume.

All files processed! Refresh the page to see new resumes in search results.

Complete Structured Output

Full JSON representation of extracted data

Extraction Diagnostics

Name

Extracted: Siddharth Singh

Email

Extracted: singhsid21399@gmail.com

Location

Extracted: India

Work Experience

4 entries extracted

Education

2 entries extracted

Skills

52 skills, 2 languages, 39 tools

Certifications

0 entries (may not be present in resume)

```json
{
  "name" : "Siddharth Singh"
  "email" : "singhsid21399@gmail.com"
  "phone" : "8850749912"
  "location" : "India"
  "geography" : "Asia-Pacific"
  "linkedin" : "linkedin.com/in/siddharth-singh-23494814a"
  "summary" :
  "Experienced Data Scientist with advanced expertise in developing end-to-end data-driven applications. Skilled in Machine Learning, Deep Learning, and NLP, with hands-on experience in fine-tuning LLMs and building agentic workflows for automation and decision-making. Currently leading machine learning services across the full lifecycle—model development, deployment, and CI/CD. Proven track record in defining data science strategies, optimizing business processes, and identifying cost-saving opportunities through AI-driven solutions."

  "experience_years" : 5
  "work_experience" : [
    0 : {
      "company" : "Grab"
      "position" : "Data Scientist"
      "start_date" : "01/2024"
      "end_date" : "Present"
      "duration_months" : NULL
      "location" : "Banglore, India"
      "description" :
      "Next Best Action for Collections: Designed an ML-driven channel recommendation model, delivering a 1.6% uplift in repayments (~$600K/month). Automated model retraining using Airflow and built real-time monitoring with Slack alerts. Tech Stack: LightGBM, CTR & engagement features, user platform & repayment data. Conducted a 4-month A/B test, validating a 1.6% lift vs. BAU, strategy now live across 75% of users. Core Collections Models (DAX, PAX, and MEX): Developed and deployed 18 XGBoost models to enhance collections strategies and streamline operational efficiency. Implemented AutoML to continuously refresh production models upon detecting performance improvements. LLM-powered Speech Analysis for Lending Collections: Improved 'Promise to Pay' success rates by 5%, driving an estimated $1.68M uplift in collections for 2024. Implemented Whisper V2/V3 for speech-to-text and developed a LangChain-based AI agent for call feedback. OnCall Bot for Payments: Developed a Slack chatbot to classify and respond to payment queries, assisting on-call engineers. Saved 32 engineering hours by automation. Golden Embedding – 'Crystal Ball' for Predictive Insights: Developed a generic user embedding model leveraging clickstream data to predict DAX/PAX/MEX states. Used BERT Uncased (MLM approach) to forecast user behavior and enhance decision-making."
      "sector" : "Technology"
    }
    1 : {
      "company" : "KarmaLife"
      "position" : "Senior Data Scientist"
      "start_date" : "04/2021"
```

          "duration_months" : 5
          "location" : "Mumbai, India"
          "description" :
          "Engineered a two-stage NER-based model (BERT, BigBird) to automate data extraction from PDFs/JPGs (account numbers, transaction details), significantly improving accuracy and efficiency. Enhanced bank statement parsing workflows, leading to more reliable extraction of complex transactional data, streamlining the data processing pipeline."
          "sector" : "Consulting"
      }
    ▼ 3 : {
          "company" : "Data Science Wizards"
          "position" : "Data Scientist Intern"
          "start_date" : "12/2019"
          "end_date" : "05/2020"
          "duration_months" : 5
          "location" : "Mumbai, India"
          "description" : "Automated customer onboarding and KYC processes using AI/ML techniques, improving processing speed and accuracy. Applied computer vision for image quality analysis and preprocessing, and implemented Faster R-CNN for text detection, followed by OCR to extract textual data from images."
          "sector" : "Technology"
      }
  ]
  ▼ "education" : [
    ▼ 0 : {
          "degree" : "B.E."
          "field" : "Computer Science"
          "institution" : "Shree LR Tiwari College of Engineering"
          "graduation_year" : 2020
          "gpa" : "7.58"
          "honors" : ""
      }
    ▼ 1 : {
          "degree" : "Diploma"
          "field" : "Computer Science"
          "institution" : "Government Polytechnic of Mumbai"
          "graduation_year" : 2017
          "gpa" : "80%"
          "honors" : ""
      }
  ]
  ▼ "skills" : [
        0 : "Data Science"
        1 : "Machine Learning"
        2 : "Deep Learning"
        3 : "NLP"
        4 : "LLMs"
        5 : "RAG"
        6 : "Prompt Engineering"
        7 : "Recommendation Systems"
        8 : "Forecasting"
        9 : "Predictive Modelling"
        10 : "Classifications"
        11 : "Regression"

```json
          7 : "Consulting"
    ]
  ▶ "languages" : []
  ▶ "publications" : []
  ▼ "awards" : [
      0 : "6th Place - The Learning Agency Writing Quality, Kaggle, Online, 2023"
      1 : "5th Place - Kaggle Days Finale, Barcelona, Spain, 2022"
      2 : "3rd Place - Genpact Google for Developers Challenge, MachineHack, India, 2023"
      3 : "3rd Place - Indus OS Challenge, MachineHack, India, 2022"
      4 : "5th Place - Swipe2Success Challenge, Bitgrit, Japan, 2021"
      5 : "4th Place - WNS Challenge, Analytics Vidhya, India, 2019"
      6 : "26th Place - IEEE Credit Card Fraud Detection, Kaggle, Online, 2019"
      7 : "1st Runner-Up - Machine Learning Theme, IIT-BHU, India, 2020"
      8 : "2nd Runner-Up - Annual Code Fest, TSEC, India, 2019"
    ]
  ▼ "others" : {
      ▼ "professional_profiles" : {
          "LinkedIn" : "linkedin.com/in/siddharth-singh-23494814a"
          "Kaggle" : "http://kaggle.com/sid00733"
          "GitHub" : "github.com/Siddharth-Singh01"
        }
      "location" : "India"
      "email" : "singhsid21399@gmail.com"
      "phone" : "8850749912"
      "current_role" : "Data Scientist at Grab"
      "years_of_experience" : "Experienced Data Scientist with 4+ years of professional experience"
      ▼ "notable_achievements" : [
          0 : "Delivered 1.6% uplift in repayments (~$600K/month) through ML-driven channel recommendation model"
          1 : "Improved Promise to Pay success rates by 5%, driving estimated $1.68M uplift in collections for 2024"
          2 : "Saved 32 engineering hours through automation with OnCall Bot"
          3 : "Developed real-time credit scoring system (KaramScore) serving 100K+ gig workers with NPA less than 4%"
          4 : "Improved model performance by 25% and boosted business metrics by 30% through A/B testing"
          5 : "Deployed 18 XGBoost models to enhance collections strategies"
        ]
    }
}
```

Download JSON

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All files processed! Refresh the page to see new resumes in search results.

siddharth_singh.pdf 🔗

Parsed Data   Structured Output   Document Chunks

Document Chunks

7 chunks created from document

Chunk Summary by Section

Section	Count
other	3
experience	2
education	1
skills	1

Chunk vs Structured Data Comparison

⌄ Chunk 1: other

Section: other

Chunk UUID: `chunk-resume-df9da249d395-other-0`

Page: 0

Content:

```
# Siddharth Singh
**Data Scientist**

📧 singhsid21399@gmail.com
📞 8850749912
📍 India
💼 linkedin.com/in/siddharth-singh-23494814a
🔗 http://kaggle.com/sid00733
💻 github.com/Siddharth-Singh01

---

Experienced Data Scientist with advanced expertise in developing end-to-end data-driven applications. Skilled in Machine Learning, Deep Learning, and NLP, with hands-on experience in fine-tuning LLMs and building agentic workflows for automation and decision-making. Currently leading machine learning services across

# PROFESSIONAL EXPERIENCE

## Grab, *Data Scientist*
**Next Best Action for Collections**
01/2024 - present | Banglore, India
```

⌄ Chunk 2: experience

Section: other

Chunk UUID: `chunk-resume-df9da249d395-other-2`

Page: 0

Content:

```
**LLM-powered Speech Analysis for Lending Collections**
• Improved **"Promise to Pay"** success rates by **5%**, driving an estimated **$1.68M uplift in collections for 2024**.
• Implemented **Whisper V2/V3** for speech-to-text and developed a **LangChain-based AI agent** for call feedback.

**OnCall Bot for Payments**
• Developed a **Slack chatbot** to classify and respond to payment queries, assisting on-call engineers.
• **Saved 32 engineering hours** by automation.

**Golden Embedding – "Crystal Ball" for Predictive Insights**
• Developed a **generic user embedding model** leveraging **clickstream data** to predict **DAX/PAX/MEX states**.
• Used **BERT Uncased (MLM approach)** to forecast user behavior and enhance decision-making.

## KarmaLife, *Senior Data Scientist*
04/2021 – 01/2024 | Banglore, India
```