

Adhikram Maitra

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Experience

Anax Real Estate in

Founding Engineer · Stack:- Python, Docker, Next.js, PostgreSQL

Remote, New York, USA

April 2025 - Present

o Agentic Wrapper

Stack:- Prompt Engineering, RAG, Agentic toolkits, Gemini, Grok, Langchain

Scale:- 100K Real Estate Companies with segmented AI knowledge base of Millions of data points.

Effect:- Agentic AI makes data driven decisions leads to revenue increase in \$100K+ dollars

- * Architected the Ai layers of the product from scratch to enable the agentic ai to make data driven decisions Leading to ai native approach in the product.
- * Introduced **RAG layer** over more then **20K+** Financial Document to Stream line the agentic hand that empowered the brokers to make data driven decisions.

o Outreach Funnel

Stack:- SmartLead, Amazon SES, Playwright, Puppeteer

Scale:- Reachout to **10K+** leads a month from a Growing pool of **500K+** leads auto added from Real Life Newsletters

Effect:- Increased engagement rates by **10x** moving the Deal approach numbers once a month to double digits.

- * Invented the reachout funnel that lead the engagement rates to **10x** deals a month from quality leads through niched AI powered outreach with filterd Deals.
- * Redesigned the context engineering approach to the data enrichment pipeline to make it more qualitative to use down funneling the leads to reachout.

o Lead Management System

Stack:- Data Modeling, ETL, PostgreSQL, Redis, BullMQ

Scale:- 10+ brokers managing 1000+ deals and \$100K+ in revenue for **20K+** properties.

Effect:- Gamification attracts intelligent brokers leading to more revenue

- * Added Broker Velocity Engine to gamify Brokers experience where they do more in less time and get more deals with AI assistance and less repetative tasks.

MEDIA.NET (Directi) in

Data Application Developer 2 · Stack:- Scala, Java, SQL, Spark, Kafka, PySpark, Hdfs

Remote, India

October 2021 - April 2025

o DANTE (Data Anomaly Tracker)

Stack:- Scala, Spark, Hive

Scale:- Comparing between nearly **3 Billion** and **200 Million** Rows in **30 minutes**

- * Conceptualized our first configurable data quality tools which fortified data integrity and optimized parallel data reading, leading to a **60%** reduction in data (>100GB) processing time, .
- * EQ Tracer: A tool to **monitor summative metric trends** across configurable hierarchies with dynamic alerting mechanisms to filter out noise data, ensuring accurate insights.
- * Ratio Tracer: A tool for **outlier detection** using customizable percentile thresholds, enabling the proactive identification and mitigation of anomalies.
- * PM Tracer: A logging and monitoring tool that aggregates data from multiple sources, **providing detailed coverage and mismatch analysis** for enhanced data quality and system reliability.

o StopLoss System

Stack:- Java, Structured Streaming, Batch Processing

Scale:- Fetching **50k records per second** from Kafka and processing it in **5 minute** bucket

- * Shifted Spark Streaming to Structured Streaming, leading to a **50%** reduction in latency and improved error handling, which also added exactly-once assurance that terminated the data audit pipeline.
- * Implemented **A/B testing** to gain insights into traffic patterns and loss thresholds for individual entities. This initiative led to a remarkable **15%** reduction in overall losses, significantly contributing to the company's research and development efforts and generating tangible improvements in profitability.

DEVSNEST in

Backend Engineer · Stack:- Ruby on Rails, Python, Redis, Amazon SQS

Remote, India

October 2020 - October 2021

o Discord Automation and Notification System

Stack:- Ruby on Rails, Python, Amazon SQS

Scale:- Sending **2k messages per day**. Reaching **10k Users** in **3 months**

- * Pioneered automation for group moderation on Discord through website, unlocking the peer-learning aspect of the product. Resulted in reduced management costs with increased community engagement.

Products

Tech Prufer - AI Job Portal

Founder ·

January 2026 - Present



- **Job Portal Platform**

Stack:- Python, Next.js, PostgreSQL

Scale:- Tech Job Portal platform with AI-powered matching and automation

- * Built a job portal platform that is focused on the tech industry to connect the candidates with the best opportunities.
- * Added Automated Job Scraping to the platform to get the latest jobs from the web from Amazon, Google, Atlassian etc.
- * Started as an personal project to understand the job trends live and to get the latest jobs from the web.

Equal Collective - Sellers Helper

Founding Engineer ·

January 2024 - January 2026



- **Lead Reachout Funnel**

Effect:- Scaling from **0 to 20K+ monthly revenue** with efficient lead outreach

- * Lead the Product from Scratch to a point where it is self-sustaining, generating leads and revenue.
- * Developed outreach funnel that leads to more engagement and revenue by using AI powered outreach with Analytics.

- **Sellers Automation**

Effect:- Serving **30K+** Sellers with AI Powered Content Creation and Quality Control

- * Introduced the Seller Content classification system to automate the content creation and quality control.

- **Amazon Scraping Integration**

Effect:- Serving **30K+** Products data enhance the reachability of the sellers

- * Bypass the Scraping Blockers of amazon to get the Reviews , Content and Listings data in scale.

Resume & Website Generator

Developer ·

2020 - Present



- **Automated Resume & Portfolio System**

Stack:- LuaTeX, LaTeX, Jekyll, Ruby, Lua, JSON

Scale:- Single source of truth generating **4 resume variants + portfolio website**

- * Built an automated system that generates multiple resume variants and a portfolio website from JSON.
- * Implemented LuaTeX-based PDF generation with custom LaTeX templates for professional resume.
- * Integrated Jekyll static site generator to automatically create and deploy portfolio website from the same data.
- * Eliminated manual resume updates - simply edit JSON files to regenerate all resume variants and website simultaneously.

Education

Cooch Behar Government Engineering College

Bachelor of Computer Science and Engineering ; CGPA 8.8/10

West Bengal, India

Jun 2017 - May 2021

Technical Skills

Languages | Python, JavaScript, Scala, Java, SQL, PostgreSQL, MySQL, Ruby, C++

Backend & Frameworks | Node.js, Ruby on Rails, Next.js, Express, REST APIs, Microservices

Cloud & DevOps | AWS, EC2, EMR, SQS, Azure, Docker, Jenkins, Git, Nginx, Redis

Databases & Data Engineering | PostgreSQL, MySQL, Spark, Kafka, Structured Streaming, HDFS, Hive, PySpark, ETL, Data Modeling

AI & Machine Learning | Agentic AI, Multi-LLM Integration, LLM Fine-Tuning, Prompt Engineering, Vector Databases, RAG

Analytics & Monitoring | Metabase, Data Pipelines, A/B Testing, Performance Monitoring, Real-time Analytics

Software Engineering | Design Patterns, OOP, Distributed Systems, System Architecture, Algorithms