

Indrajith Indraprastham

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TECHNICAL FOUNDER — STAFF/SENIOR SOFTWARE ENGINEER

With close to a decade of experience, I specialize in building AI-driven platforms, analytical systems, and large-scale distributed architectures. I have a proven track record of delivering production-grade, scalable products as both an engineer and a startup founder.

TECHNICAL SKILLS

Languages: Python, JavaScript, Ruby, SQL, Clojure

Frameworks: FastAPI, React, Node.js, Next.js, Rails, PyTorch, Keras, PySpark, Snowflake, Apache Iceberg

Expertise: Web Development, Distributed Systems, AI/ML, NLP, Data Engineering, LLMs, Multi-agent Systems

EXPERIENCE

Founder

Nov 2024 – Present

RUDX (rudx.in)

- Launched RUDX - A consumer electronics brand dedicated to making Indian roads safer with smart, reliable automotive technology.
- Analyzed and reverse engineered dashcam systems to develop car dashcam; designed and deployed supporting mobile applications on [iOS](#) and [Android](#) platforms. Pilot of 100+ units on Amazon
- Created an AI-Powered Legal Case Management and Intelligent Data Room for Legal Research. [Demo](#)
- Developed a QR-based food delivery application. Deployed on eight Airbnbs and one hostel. [Blog](#)

Software Consultant

May 2024 – Feb 2026

Fortune 500 Engagements

Remote

- Optimized latency in a production agentic AI pipeline at a FAANG company by profiling the tool-invocation path, tuning database queries and indexes, and adding a Redis write-through cache for repeated deterministic tool calls. *Python, Redis, SQL.*
- Migrated a large North American retailer off a legacy Azure Data Factory pipeline to a containerized distributed ETL stack writing to an Apache Iceberg lakehouse; removed vendor lock-in and enabled schema evolution, time-travel, and partition pruning. *Python, Docker, Apache Iceberg.*
- Automated testing and CI/CD for SLURM HPC cluster deployments at a major US healthcare provider in a HIPAA environment; covered job scheduling, resource allocation, and deployment validation. *SLURM, HPC, CI/CD, Python.*

Chief Technology Officer

Oct 2024 – Dec 2024

CiaraAI

Bangalore, IN

- Scaled infrastructure using GCP Cloud Run for serverless container deployments
- Led a team of 7 engineers in developing AI-powered chatbots and voice agents for customer support automation
- Defined technical strategy and product roadmap in close collaboration with CEO, designers, and engineering team

Senior Software Engineer

April 2019 – April 2024

GOJEK

Bangalore, IN

- Developed an in-house click-stream analytics platform for understanding user behavior, trends, cohorts, funnels, and statistical segments, leading to \$6.5 million in annual savings
- Contributed to the Kafka Governance project, enabling teams at Gojek to create producers, consumers, and topics using our developer portal
- Migrated metrics reporting from StatsD to Prometheus for our open-source stream processing library [Ziggurat](#)
- Created a comprehensive Performance Management Platform, now leveraged across the entire organization

Software Engineer

Aug. 2018 – April 2019

AirCTO (acquired by GOJEK)

Bangalore, IN

- Played a key role in the acquisition process of the company through strategic contributions
- Developed a Computerized Adaptive Testing (CAT) system designed to dynamically adjust according to the proficiency level
- Improved the efficiency of the candidate discovery system by rewriting the data scraper module

- Developed a chatbot and conversational AI for enhanced user onboarding and support

Data Engineer / Data Scientist

July 2017 – July 2018

Spineor Technologies → Lrrr Pochys Ventures

Mohali / Bangalore, IN

- Inventory optimization and demand forecasting using ML
- Built ETL pipeline reducing manual data processing by 80%
- Developed automated question generator using NLP

OPEN-SOURCE PROJECTS

Python Poetry (34k+ stars) | *Python - a widely-used Python dependency management tool*

- Added comprehensive test coverage for Git VCS backend, improving coverage from 33% to 71%

Ziggurat | *Clojure, Kafka*

- A stream processing framework to build stateless applications on Kafka by GOJEK

Mgc-AI | *Python, Django, SVM, Neural Network*

- Machine learning approach to classify music based on genres

Audio-Visualizer | *C++, OpenGL*

- Audio Spectrum Visualizer using OpenGL

DataCrawl | *Python*

- A simple and easy to use web crawler for Python

Genquest | *Python*

- Automatic question generation by using NLP

EDUCATION

Bachelor's Degree in Computer Science and Engineering

Visvesvaraya Technological University (VTU)

August 2012 – July 2017

CERTIFICATIONS

Machine Learning | *Coursera (Stanford University)*

PUBLICATIONS

Machine Learning Approach to Classify Music Based on Genres

June 2017