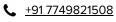
Siddharth Panda

Software Engineer







https://github.com/Sidray-Infinity



https://www.linkedin.com/in/siddharthpandaa/

Professional Experience

LinkedIn

Software Engineer, Systems Infrastructure (May 2024 to Present)

- Working on the Tracking team, which provides a managed platform for instrumentation events.
- Worked on migrating the stream processing system from Samza to Flink, contributing to the development of parity jobs and ensuring a smooth transition.
- Worked on critical services that processes "trillion Kafka events / day, accounting for majority of LinkedIn's traffic.
- Collaborating closely with various infrastructure teams, such as HDFS, Kafka, Schema Registry to facilitate the managed platform.

Grab

Software Engineer Intern >> Software Engineer >> Senior Software Engineer (May 2021 to Jul 2021) (Aug 2021 to Mar 2023) (Apr 2023 to Apr 2024)

Event Driven Notification System

 Created an event driven notification system using Kafka for post-borrowing journey of lending products. The custom notification strategies increased repayment rate by +1.2pp.

Loan Refinancing

 Introduced a new method availing line of credit for DAX partners by restructuring existing loans. Disbursal rate increased by ~\$\$ 2M.

Engineering Initiatives

- Re-architected and simplified the auto-deduction flow, reducing the cron time from ~1.5hr to ~20mins.
- Helped setup CI / CD pipelines for services, reducing the QA regression cycle from 3 days to 1.5 days.

HighRadius

Software Engineer Intern (Jul 2020 to Apr 2021)

 Worked on encryption module to store user PII data, and it's integration with cloning framework to move PII data between environments. LPU's cloning time was reduced from ~2hrs to ~5mins.

Khosla Labs

Software Engineer and ML Intern (May 2019 to Jul 2019)

· Created a document parser module to scan govt. documents for KYC, and did OCR on it.

Personal Projects

Chess Engine

- Created a chess engine using convolution neural networks, that predicts the best possible chess move
- The model was deployed on a web server with UI, to enable competing with the engine.
- Github Link: https://github.com/Sidray-Infinity/ChessEngine

Dumb TF

- Created a deep learning library from scratch with only numpy as a dependency.
- Benchmarked the library on popular datasets like MNIST, Boston Housing etc.
- Github Link: https://github.com/Sidray-Infinity/DumbTF

Education & Certifications

Bachelor of Technology (CSE) Kalinga Institute of Industrial Technology CGPA: 9.17

Skills

Golang, Java, Python, Kafka, MySQL, C++, CI/CD, Bash Scripting, Testing, ElasticSearch, Kubernetes, Docker, Spark, Flink, Airflow, Samza