Abhinit Kumar Rai
Middle Software Developer

SUMMARY

Software Developer | Backend & Web3 Engineer | Golang, TypeScript, Python

Results-driven software developer with 3+ years of experience in building scalable backend systems, financial infrastructure, and Web3 solutions. Proficient in Golang, Python, TypeScript, C++, and cloud-native technologies (AWS, Kubernetes, Docker).

　　Currently at Syndr, designing high-performance exchange servers, optimizing data pipelines, and developing Web3 SDKs.
　　Previously at Epifi, led UPI-based financial workflows and transaction processing using Temporal.
　　Ex-Smarsh, where I improved database architecture and query performance for SaaS compliance solutions.

Passionate about distributed systems, blockchain, and high-performance computing. Active contributor to open-source and tech communities.

　　GitHub: AbhinitKumarRai | LinkedIn: Abhinit Rai

TECHNICAL SKILLS

Main Technical Skills	Go (3 yr.), Python (1 yr.), TypeScript (1 yr.)
Programming Languages	Go (3 yr.), Python (1 yr.), TypeScript (1 yr.)
Databases & Management Systems / ORM	PostgreSQL (3 yr.)
Cloud Platforms, Services & Computing	AWS (4 yr.)

WORK EXPERIENCE

Software Developer at Syndr

Duration: January 2024 - present

Summary: Led the design and implementation of an exchange server to facilitate on-chain contract interactions, deployed caching strategies to reduce server load during peak periods, and developed an SDK for external developer integration.

Responsibilities: Spearheading server design and implementation, creating a Referral and Points system, developing and launching an SDK, creating scalable architecture for real-time updates from crypto exchanges, deploying caching strategies.

Technologies: Golang, Typescript, Postgres, Redis, Web3.js, geth, Timescale, AWS, Jenkins, Docker, Kafka

Software Developer at Epifi

Duration: November 2022 - December 2023

Summary: Engineered the Temporal workflow for efficient financial transaction updates and the Remitter Backfill Workflow for the Fi app, while also contributing to the design and engineering of critical UPI-related services.

Responsibilities: Creating Temporal workflow, executing the Remitter Backfill Workflow, collaborating on design and engineering of UPI services, implementing transaction categorization system.

Technologies: Golang, Typescript, Postgres, Redis, CockroachDB, Temporal, AWS, Jenkins, Docker, Grafana, Prometheus, Kafka

Software Development Engineer at Smarsh

Duration: September 2021 - September 2022

Summary: Developed GitHub action workflows for JAR file creation, seller dashboard for retail app, and database architecture enhancements, while gaining proficiency in various technologies.

Responsibilities: Designing GitHub action workflow, engineering a seller dashboard, acquiring proficiency in tech stack through hands-on experience, spearheading database architecture improvements.

Technologies: Java, Springboot, Microservices, AWS S3, MongoDB

EDUCATION

- **National Institute Of Technology Durgapur**
- B.Tech(Computer Science and Engineering)
- 2021