Saddam Salokhiddinov

Software Engineer

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SUMMARY

Software Engineer with 5+ years of experience, specializing in backend engineering and cloud-native development. Strong technical background in building real-time, distributed, and event-driven systems. Established a production-grade API platform at a dynamic startup, serving multi-model AI technologies, accelerating release cycles, and unlocking new revenue streams. Drove the design of synchronous, asynchronous, and streaming APIs to meet broad business requirements across internal products and client applications. Participated in a cross-functional team to deliver highly available, scalable backend systems. Graduated from Sejong University.

EXPERIENCE

Software Engineer   Mar 2025 - Present

Darwin Intelligence   Seoul, South Korea

- Designed and implemented a highly available (99% uptime), scalable microservice architecture powering multi-modal AI APIs (STT, TTS, LLM, Image, Video), serving hundreds of requests daily.
- Participated in an on-prem delivery of our company's services by setting up the hardware (Custom servers with Nvidia H100, H200 GPUs) and software (Custom trained LLMs, Private/Local Cloud, Datacenter setup).
- Fine tune and train LLMs to generate responses that 100% fit requirements of our customers.
- Developed custom RAG that processes text data retrieved (using OCR) from (pdf/word/text) files, splits data into chunks, creates embeddings and stores embeddings + chunk text + metadata in a vector DB (used ChromaDB)
- Developed a custom database agentic retrieval system (NL2SQL) that transforms raw user queries into sql queries using LLM (qwen-8B) and returns polished results to user.

Blockchain developer   Mar 2022 – Mar 2025

LiberVance (GIST)   Seoul, South Korea

- Developed smart contracts for various applications, streamlining business processes and reducing costs.

- Designed and built scalable blockchain networks, enabling rapid deployment of new projects and initiatives.
- Enhanced blockchain security by implementing advanced cryptographic techniques and protocols.
- Provided technical guidance to team members during project development, ensuring adherence to best practices and established standards.

Frontend developer   Nov 2021 – Mar 2022

CredIT (Intern)   Seoul, South Korea

- Finished a 6-month internship and managed front-end development of the company's leading projects
- Have been working with the backend engineering team and developing complex systems using variety of modern software (ReactJS, VueJS, NextJS)

EDUCATION

B.S., Computer Science and Business Administration   Sep 2018 – Aug 2023

TECHNICAL SKILLS

Languages:	Python, Javascript, Solidity
Frameworks:	Django, Flask, FastAPI, Express.js, React.js, Next.js
API Technologies:	REST, WebSocket, SSE, gRPC, OpenAPI, APISIX
Messaging & Streaming:	RabbitMQ, Kafka(Streams), Redis(Streams, Pub/Sub)
Databases:	Redis, MongoDB, MySQL
CI/CD:	Docker, Docker Compose, Kubernetes, Bitbucket Pipelines
Cloud:	GCP, AWS Cloud Hosting
Observability:	Premetheus, Grafana, FluentBit

LANGUAGES

English:	Fluent (IELTS overall: 7.0)
Korean:	Intermediate (KIIP Level 3.0)
Russian:	Fluent (second language)
Uzbek:	Native