

Meysam Kheyrollah

Software Engineer, Technical Lead

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SKILLS

Languages: Python, Java, NodeJs, SQL, Bash, Solidity

Frameworks: Django ,Flask ,Spring Boot, Web3, PyTest, Scrappy, Airflow

Tools: GitLab, CICD, Docker, Kubernetes, Zabbix, ELK, Kafka, Kafka-Connect, Nginx, Gunicorn

Libraries: Celery, PySpark , Scikit-learn, NLTK, RestAPI, Kafka-Confluent, Pandas, Numpy, Faker, itertools

Databases: PostgresSql ,MongoDB ,Redis , Neo4j, MariaDB

Technologies: REST , Event-Driven , WebSocket , GRPC, SOLID, Design Pattern, DDD, TDD, ORM, ODM, Replication. Streaming

EXPERIENCE

Lead Software Engineer

Feb. 2023 – Apr. 2024

AbanTether, Crypto Exchange

Tehran, Iran

- Developed a scalable web app to process crypto transactions in an optimized manner using event based systems with kafka and kafka-connect.
- Implemented core features: buying, selling, depositing, and withdrawing of assets (OTC) through scalable API implementation in form of event-driven system.
- Leveraged Postgres for data storage and Redis for quick caching.
- Designed algorithms to analyze price discrepancies across exchanges.
- Automated the identification and execution of profitable arbitrage trades.
- reviewing and helping others in different challenges and suggest different approach to solve a problem
- Implemented the create2 method in Solidity, facilitating blockchain-based wallet creation
- Designed a versatile crypto wallet supporting over 30 different networks
- reviewing and helping others in different challenges and suggest different approach to solve a problem

Software Engineer

Oct 2021 - Feb 2023

AbanTether, Crypto Exchange

Tehran, Iran

- Developed a user-centric portfolio system capable of real-time statistics calculation.
- Processed a range of transaction types: buy, sell, deposit, withdrawal, and internal transfers.
- Enabled users to make informed investment decisions through accurate real-time data with a smart and optimal portfolio management system.
- Implemented a versatile referral system incorporating diverse marketing routines.
- Adopted an abstraction design, ensuring adaptability to various marketing strategies.
- Designing a payment system for integrating with different credit cards to deposit and withdrawal assets.
- Implement a Loan System which works with different providers to offer user a profitable loan over crypto loan providers.

Software Engineer

Mar 2021 - Sep 2021

Dotin, Banking Service

Tehran, Iran

- Implement CRUD for banking systems which provide transaction status using kafka and spring boot.
- Designing high scale SQL databases with fail-tolerant and supporting consistency on high scale requests.
- Using SpringBoot beans to implement Actor-Model for high scale transaction system.
- Using data streaming and kafka with pyspark for realtime analysis.
- Design an Actor Model system for data capture using connectors and a application which save and produce saving status to another micro-app.

Software Engineer

Jun 2019 - Nov 2020

Telecom Research Center, Machine Learning lab

Tehran, Iran

- Create an automated content moderation system that uses machine learning algorithms to detect and filter out inappropriate or offensive content from social media platforms.
- Develop a sentiment analysis model using Natural Language Processing (NLP) techniques to analyze the sentiment of social media posts and classify them as positive, negative, or neutral.

- Implement a recommendation system that suggests relevant hashtags based on social media activities in instagram or twitter.
- Implement a spam detection system that utilizes machine learning techniques to identify and filter out spammy or fraudulent accounts and posts on social media platforms. This helps maintain the integrity and security of the platform and improves user experience.
- Develop a social media network analysis tool using networkx library to analyze the connections and interactions between users on social media platforms. This can provide insights into influential users, communities, and patterns of information flow, aiding in social network analysis and marketing strategies.

EDUCATION

Kharazmi University

Tehran, Iran

Master In Artificial Intelligence, Faculty of Computer, Using PPO on Dynamic Environments

2018 - 2022

Chamran University

Ahvaz, Iran

Bachelor In Software Engineer, Faculty of Computer, Using Snort With OpenStack to Analysis Packets

2012 - 2017

ABOUT ME

I'm a 6 years experience software engineer who is passionate about designing and implementing scalable applications with optimized approach. if i want to go through my soft skills i have around 2 years of experience leading different teams and im aware of some aspects of communication, reviewing, motivating, hard working ... and been familiar with my role which is a team member.