Luka Samkharadze

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About Me

Currently Chief Technology Officer and Senior Full-stack Engineer with rich hands-on experience and diverse portfolio of projects. Starting carrier as individual contributor but soon transitioned into higher levels roles responsible for managing teams, mentoring people and setting reasonable goals in a company. Worked in various environments, from dynamic startups to robust enterprise-grade applications, from team sizes of one to hundreds.

Experience

CTO at Rework / 2023 Aug - Present / San Francisco, USA

- **L**eading the development of a platform that connects recruiters and people looking for jobs. I oversee the technical vision, strategy, and architecture, and ensure the quality, security, and scalability of the product.

Senior Full-stack Freelancer at Toptal / 2022 Sep - Present / San Francisco, USA

- Helped multiple clients and satisfied their needs, led projects most notably no-code discord bot builder, social growth tool and NFT project website.
- Worked on social growth platform that helped creators measure their success, improved already existing metrics, reviewed code, distributed and assigned tasks to Juniors. Used Airflow and Serverless architecture to process millions of discord messages.
- Led the development of new growth tool that helped companies onboard new users and collect their social information such as email, discord account, wallet address and etc.
- Mainly used technologies: React, NextJS, Django, Flask, GraphQL, Airflow, Snowflake, MySQL, PostgreSQL and AWS.

Technical Lead, Web3 Developer at DX Software / 2021 Aug - 2023 July / Timișoara, Romania

- Led multiple projects, most notably Decentralized Exchange for UK based crypto company and eCommerce store for one of the biggest golf clubs in UK, that accepted crypto from various chains as a payment method.
- Developed DEX, enabling users to swap cryptocurrencies. Implemented unique feature that would enable users to trade via different platforms behind the scenes if the main router doesn't have Liquidity. Built referral system directly into DEX. Created a staking system with a locking mechanism with dynamic APY that used both off and on-chain calculations.
- Built a merchandise shop from scratch for NFT Community that accepts both crypto and credit card payments. The shop could have multiple variants for the same product. Made an admin panel for shop managers. Admins were able to add new items or product versions and edit or remove them.
- Crafted multiple Tokens and NFTs, with minting pages, admin panels, off-chain whitelisting, advanced tokenomics, staking, custom access control and nesting capabilities where users have to request a transfer and can do so if approved by admins.
- Made online payments system integration with Lloyds bank for one of the biggest PEST control companies in UK. As well helped them fix already existing integrations with Google Ads API, which were designed to intelligently bid the lowest amount for specific keywords and locations throughout the day.
- Utilized technologies like React, NextJS, ExpressJS, NestJS, ASP.NET, SQL Server, MongoDB, Solidity, GraphQL, Subgraph, Docker and AWS.

Backend Developer at Evelyn / 2020 Sep - 2021 Aug / Georgia, Tbilisi

- Worked in a startup as one of the lead developers to create a completely innovative social platform that would match people based on their physiology and interests. Created system that would ask users certain psychological

questions, then crafted their personality graph and match with other people with similar or opposite interests, based on their preferences.
- With users permission tracked and used users location data to suggest nearby people, who they could have met on events, bar, or other public places.
- Handled both Backend development and DevOps tasks. Dockerized the whole application, used the git Docker repository and implemented Git actions that would automatically update containers running on the server after pushing a commit.
- Used technologies like ASP.NET, Entity framework, Firebase, PostgreSQL and Docker.

Web Developer at TBC Bank / 2019 Sep - 2020 Sep / Georgia, Tbilisi

- Had a chance to work on retail internet banking platform in one of the biggest banks in the region. Added and crafted frontend solutions for major features, like loan management and system design component library from scratch.
- Improved a project workflow by adding pipelines for formatting and linting pre-commit hooks, forcing us to write better, more readable code, and helping us catch bugs early on. Also, wrote an [article](#) about it and published on Medium.
- Used Angular/AngularJS developing these solutions. Worked in a fully Agile team, followed the Scrum methodology and used Jira to track bugs and features.

Education

- Bachelor of Science in Computer Science and Mathematics at **Free University of Tbilisi**
- Associate Degree in Computer Science at **City College of San Francisco**