

Sergey Kambalin

Senior Software Engineer

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Professional software engineer with over 10 years of experience specializing in the development of advanced web and mobile applications on TypeScript/JavaScript. Always eager to grow and share my knowledge and professional experience with others. A good mentor and effective team leader.

Professional Experience

Cere Network

Lead Software Engineer

May 2022 - present

My primary responsibility is to design, develop and integrate a non-custody web wallet with a company-specific feature set, including decentralized storage management, data streaming, and staking.

Key achievements:

- Designed and developed an MVP version of the wallet from scratch in 3 months
- Developed an SDK allowing to integrate the wallet into DApps
- Integrated the wallet into several company's DApps: NFT Marketplace, Game Portal, Video Player
- Successfully onboarded two engineers to the project and continue leading the team

Technology stack:

- TypeScript, JavaScript (ES6+)
- React, Redux, MobX, Ethers.js, Web3Auth, Storybook, Jest, React Testing Library

Evolution

Lead Frontend Engineer

July 2020 - May 2022

As Lead Engineer, I was responsible for 9 frontend engineers of various seniority levels across 3 teams. I built friendly relationships with them, helped them grow professionally, and feel comfortable in the company.

My primary responsibilities included:

- Participate in the interview process, onboard and mentor new people
- Help people set individual goals and OKRs, track their progress and evaluate the results
- Ensure a healthy working environment for them. Help to solve conflicts and strengthen relationships with teammates

Senior Frontend Engineer

Nov 2019 - May 2022

- Reorganized a complex monolithic application by applying micro-frontend architecture and gradually migrating the code-base from JavaScript/CoffeeScript/AngularJS to TypeScript/React + Redux
- Drove development of cross-team UI Kit project used in all company's back-office applications
- Designed and developed an in-house tool (CLI) to build, test, and release complex micro-frontend projects
- Led research, development, and integration of auto-testing framework on WebdriverIO
- Built (hired and mentored) a very reliable frontend team of 4 engineers in three months

Technology stack:

- TypeScript, JavaScript (ES6+)
- React & Redux ecosystem, Webpack, Storybook, Lerna + Yarn Workspaces, Jest, Enzyme, React Testing Library

IOLA

Senior Full Stack Engineer/Architect

Oct 2018 - Nov 2019

- Designed, developed, and successfully released React Native iOS, Android and PWA applications
- Organized Storybook driven development of UI components with visual regression testing using Jest and Puppeteer
- Developed micro-frontend, platform-agnostic UI Kit based on Web Components and Preact
- Designed and implemented modular GraphQL server on PHP, supporting all major GraphQL features, and full support of Relay specification

Technology stack:

- TypeScript, React, React Native, React Native Web, Apollo GraphQL, Babel, Webpack, Storybook, Jest, Puppeteer, Lerna
- PHP, SlimPHP, GraphQL-PHP, DataLoaderPHP, MySQL

Klika Tech LLC

Senior Full Stack Engineer/Team Lead

Oct 2016 - Sep 2018

- Developed various company projects as a full-stack JavaScript/PHP developer, including SPAs, RESTful APIs, and services
- Led a team of 3 members developing JavaScript SDK utilized across all company's projects
- As a team leader, was involved in interviewing, mentoring, and onboarding activities
- Was the leader of the company's frontend community of more than 50 members

Technology stack:

- JavaScript (ES6+), React, Redux, Webpack, Babel, Mocha, Chai, Sinon
- PHP, PHPUnit, Pheanstalk, NodeJs, Sails, Express, MySQL

Skalfa Asia LLC

Senior Full Stack Developer/Team Lead

Dec 2012 - Sep 2016

- Led design and development of a hybrid iOS/Android application based on Ionic Framework and SlimPHP
- Was a key developer in a team designing and developing open source website platforms: Oxwall, Skadate

Full Stack Developer

Jul 2010 - Dec 2012

- Took part in the development and optimization of a high load SaaS solution: Wall.fm

Junior Full Stack Developer

Mar 2009 - Jul 2010

- Developed various PHP/JavaScript modules for Skadate online dating platforms, including core components and add-ons

Technical Skills

Languages	TypeScript, JavaScript, PHP, GraphQL, MySQL
Frameworks	React, React Native, Redux, Apollo GraphQL, GraphQL-PHP, Express
Tools	Webpack, Babel, Storybook, Lerna, Yarn, NPM, Composer
Tests	Jest, Enzyme, React/DOM Testing Library, Puppeteer, WebdriverIO, Cypress

Education

International University of Kyrgyzstan

Bishkek, Kyrgyzstan

Bachelor of Information Technology, Software Engineer

Sep 2003 - Jun 2007

Languages

- Russian - Native proficiency
- English - Professional working proficiency