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 (EVM compatible) from scratch in four months
- Developed an SDK allowing to integrate the wallet into DApps
- Added Cere Network blockchain (Substrate) support to the wallet
- Integrated the wallet into several company's DApps: NFT Marketplace, Game Portal, Video Player
- Successfully onboarded two engineers to the project and lead the team

Technology stack:
- TypeScript, JavaScript (ES6+)
- React, Redux, MobX, Storybook, Jest, React Testing Library
- Ethers.js, Polkadot API, Web3Auth

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 codebase 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
- Built (hired and mentored) a reliable team of 4 frontend 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, GraphQL
Frameworks	React, React Native, Redux, MobX, Apollo GraphQL, Express
Blockchain	Ethers.js, Polkadot API, Web3Auth
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