Sergey Kambalin

Senior Software Engineer

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As a professional software engineer with over ten years of experience, I specialize in developing advanced web and mobile applications using TypeScript/JavaScript. I'm constantly eager to learn new things, share my knowledge, and pass on my professional experience to others. I have proven to be an effective mentor and team leader.

Professional Experience

Cere Network

Lead Software Engineer   May 2022 - present

My role involves leading the development of various client-facing tools and projects. These include decentralized web applications, a web3 wallet, SDKs, and CLI tools.

Key achievements:
- Designed and developed a multi-chain web wallet from scratch, compatible with both EVM and Substrate chains.
- Created a comprehensive developer toolset for our Decentralized Data Cloud protocol, including SDKs and CLI tools.
- Integrated the DDC protocol into various DApps, such as the NFT marketplace, Game Leaderboard, and AI recognition tool.

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

Evolution

Lead Frontend Engineer   July 2020 - May 2022

As a Lead Engineer, I managed nine frontend engineers of various seniority levels spanning across three teams. I fostered positive relationships with them, aided their professional growth, and ensured their comfort within the company.

My primary responsibilities included:
- Participating in the interview process, onboarding and mentoring new team members.
- Assisting individuals in setting goals and OKRs, monitoring their progress and evaluating their results.
- Maintaining a healthy work environment, resolving conflicts, and fostering strong relationships among teammates.

Senior Frontend Engineer   Nov 2019 - May 2022

- Reorganized a complex, monolithic application by applying a micro-frontend architecture. Gradually migrated the codebase from JavaScript/CoffeeScript/AngularJS to TypeScript/React + Redux.
- Led the development of a cross-team UI Kit project, which is now used in all the company's back-office applications.
- Designed and developed an in-house CLI tool to build, test, and release complex micro-frontend projects.
- Assembled, hired, and mentored a dependable team of four frontend engineers within 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.
- Developed 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's 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
Frameworks	React, React Native, Redux, MobX, Apollo GraphQL, gRPC.js, Express, NestJS
Blockchain	Ethers.js, Polkadot API, Web3Auth
Tools	Webpack, Rollup, Vite, Babel, Storybook, Lerna/NX, Yarn, NPM
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