

# Slava Birch

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## Senior Full-Stack and Software Architect

I live in Thailand (GMT+7), and can be in touch from 13:00 to 21:00 by Melbourne time. The preferred way for communication Zoom video call.

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## Work experience

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**Card of the Day** - principal software engineer, and architect roles - (contract, remote) - 2020 – 2021 (8 mos)

- Single-handedly developed the React Native app from the initial commit up to the Apple app store publishing.
- Understanding of the Apple purchasing process.
- Experience in native animations, resources caching, and analytics integration.

React, Typescript, React Native, Realar, Native animations, App Store purchases, Node.JS, Express, Webpack, SSR.

**Samsung NEXT** - senior full-stack engineer - (remote) - 2020 (7 mos)

- Developed the user management interface for partners API. ([studio.whisk.com](https://studio.whisk.com)). The partner API access keys credentials, licenses, user permissions, and customer companies management. As a participant of distributed 7 members agile team with Jira tasks desk.
- Active architecture consultant and enthusiast, tech talks participant.
- Multipurpose supporter of a big set of independent internal projects on most of existents technology stacks for full-stack development.
- The effective unit tests writer.
- Pixel perfect UI master with Figma.
- Friendly team-member and conscious pull request reviewer.

React, Typescript, Mobx, Redux, Slack, Jira, Mirco-Services architecture, Node.JS, NestJS, Postgres, Styled Components, CSS Modules, Lerna, Docker, Jest.

**Yandex** - senior full-stack engineer - 2017 – 2019 (2 yrs 4 mos)

- Integrated ad blocker (adblock, ect.) bypass system into user mail interface

([mail.yandex.com](mailto:mail.yandex.com)). Increased ad unit revenue by 15%.

- Active consultant on the architecture of the internal mailing service.
- Agile tasks implementer for VanillaJS based user mail interface, and Redux based UI interface of internal user calendar service with NodeJS frontend server.

React, Javascript, Redux, Redux-Saga, Reselect, Recompose, BEM, Mobx, Slack, Jira, Node.JS, Express, Mirco-Services architecture, CSS Modules, Profiling, Jest.

### **Icons8** - senior full-stack engineer and architect - (remote) - 2016 – 2017 (1 yr)

- Developed a Node.js service for support Server Side Rendering on AngularJS applications.
- Decreased page generation time from 2s on [prerender.io](https://prerender.io) to incredible 200ms for Search Engines.
- Developed several Open Source projects for work with SVG, transform, convert, with support SVG Fonts and SVG Sets. ([welovesvg](#), [svg-caster](#), etc.)
- Realized a modular structure of the codebase.

Javascript, Slack, Jira, Node.JS, Express, SVG, Atom/Electron, Server-Side Rendering, Custom libraries development, MySQL, Karma, Jasmine, Mocha, Should, SCSS.

### **Sovcombank** - senior frontend engineer and team-lead - (remote) - 2015 – 2016 (1 yr 3 mos)

- Leading of the team with 5 developers.
- Controlling, training, decomposition both by code and business tasks (forecasts, risks, planning, etc.). Communication with the product owner, product manager, backend and data lead.
- Interviewing with new candidates.
- Developed a custom data changing tracking system specific to the project data for easy and iterative migration of an application codebase from AngularJS to React.
- Use a SOLID as a basic and priority principle for an application code architecture.

Javascript, Slack, Jira, D3, Custom libraries development.

See more professional experience on the Linkedin profile page ([linkedin.com/in/betula](https://linkedin.com/in/betula)).

## **Skills**

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- Typescript, Javascript
- React, Mobx, Redux (+eco)
- Node.js (+express eco), NestJS
- React Native
- Webpack (+eco) with [custom plugin development experience](#)
- Cascading style sheets preprocessing

- The logic and view unit testing with Jest, and similar
- MongoDB, MySQL, Postgres
- WebAssembly
- Object-oriented, functional, declarative, and imperative paradigm
- Experience in distributed systems and modern software architecture
- Kanban and Scrum methodologies
- Open Source evangelist
- Remote worker

## Open Source

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[Realar advanced state manager](#) - (founder) - 2020 – 2021 - the progressive Open Source state manager for React that provides the possibility for convenient using object-oriented principles on the same side with functional programming for an application state and actions control.

- Experience in applying the theory of programming to the most difficult issue in the frontend field.
- Developed a special code style of javascript for the best delivery with an incredible lightweight bundle size.
- Deep experience with all existing kinds of dependency trackers for the reactive values synchronization.

React, Typescript, Npm packages publishing, Webpack, Jest, Node.JS, Babel plugin development, Lerna, Low-Level JavaScript, Design Patterns, Performance, Technical writer.

[use-between](#) - (founder) - 2020 - the easiest way for sharing React state.

- Deep experience in the internal React code kitchen.
- Developed a fully functional state management system through just one React hook.

React, Typescript, Minimalism

## Technical writer

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- [State manager of dream](#)
- [Sharing React hooks stateful logic between components](#)
- [Reuse React hooks in state sharing](#)
- [664 Bytes reactivity](#)

Thanks a lot for your time. I will be glad to take part of your team!

Happy growing!