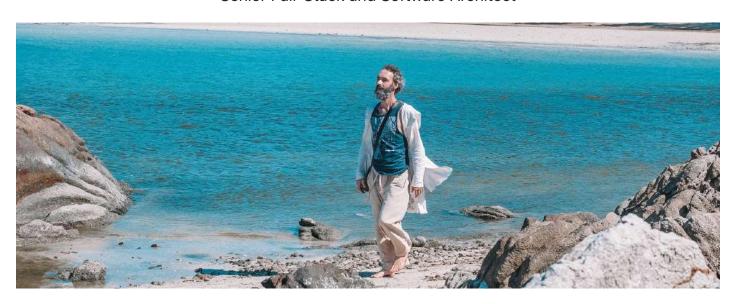# Slava Birch

Senior Full-Stack and Software Architect

About

I'm a passionate perfect pixel, perfect high-speed code, and result-targeted developer!

I deliver with equal efficiency both solo and in a team. Business and code task great decomposer, Agile thinker.

I have more than 12 years of total development experience.

A confident participant in building large-scale web applications with distributed teams (7 years experience).

Expert in financial apps, social networks, administration panels, and Open Source projects.

- My perfect job would be to write the react native app for mobile phones for your business (with server for it) solo or as architect of a codebase in the team.
- My good job would be to create high-delivery user-oriented products and their architecture both solo or in the team.
- My dream job would be to contribute to the development of the front-end industry through Open Source.

I'm a Russian traveler who lives in Thailand (and Indonesia), husband, and a father of 7 years old son.

The best payments for me are Upwork direct contract or direct PayPal, Payoneer transfers.

My salary expectations $120k/year.

Skills

Fundamental

- Typescript, Javascript
- Object-oriented, functional, declarative, and imperative paradigm
- Understanding decomposition principles and architecture of enterprise applications
- Kanban and Scrum methodologies
- Open Source evangelist

Full-stack expertise

- 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

Contacts

I can be in touch from 13:00 to 21:00 by Melbourne time. The preferred way for communication Zoom video call.

- E-mail: mail@betula.co
- Telegram: t.me/betula17
- Linkedin: linkedin.com/in/betula
- Github: github.com/betula
- Dev.to: dev.to/betula
- Resume: resume.betula.co
- Resume PDF: resume-pdf.betula.co

Experience

The most valuable last experience

[Realar advanced state manager](#) - **Founder, principal software engineer, and architect roles** - *April 2020 – Jul 2021 (1 yr 2 mos)* - 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.

[Card of the Day](#) - **Co-Founder, principal software engineer, and architect roles** - *Nov 2020 – Jul 2021 (8 mos)* - the React Native mobile app. Combination of spiritual and technology knowledgies.

- 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, XCode, App Store purchases, RevenueCat, Custom Swipe programming, Node.JS, Express, Webpack, Server-Side Rendering.

The experience in the big companies teams

Samsung NEXT - **senior full-stack engineer** - *May 2020 – Nov 2020 (7 mos)*

- Developed the user management interface for partners API. (studio.whisk.com). The partner API access keys credentials, licenses, user permissions, and customer companies management. As a guiding 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. There are Redux, Mobx, NestJS, Postgres, Styled Components, and etc.
- 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** - *Jun 2017 – Sep 2019 (2 yrs 4 mos)*

- Integrated ad blocker (adblock, ect.) bypass system into user mail interface (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** - *Jan 2015 - Aug 2015, Oct 2016 – Mar 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 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.

Angular, 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** - *Aug 2015 – Oct 2016 (1 yr 3 mos)*

- Leading of the team with five 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.

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

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

Technical writer

- 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!