# Dmitriy Kovalenko

Your Friendly Software Engineer

## Summary

Advanced software engineer with experience in creating modern, fast, aesthetically pleasing, and scalable software products. I have actively participated as a contributor in industry-leading open-source projects such as Material-UI, React Native, and Cypress.io, and even ffmpeg. Additionally, I have created several popular open-source projects myself.

I possess a strong understanding of both object-oriented programming (OOP) and functional programming (FP) paradigms, as well as algorithms and software architecture principles. My expertise lies in developing and shipping large, scalable, robust, and efficient software used by millions people all over the world.

## Technical skills

**Languages:** OCaml/ReasonML, Rust, C, TypeScript/JavaScript,ReScript
**Front-end:** React, Apollo, Relay, Webpack, Vite, Vue (less), Vuex, CSS, emotion, tailwindcss
**Back-end:** Rust (actix-web, warp), C (fastcgi, cgi), NodeJS (nestjs, fastify, express), OCaml (Dream), Rust (warp, juniper), GraphQL, PostgreSQL, Redis, Nginx
**Mobile:** React Native, Firebase, Expo, FastLane, Fabric
**Testing:** Cypress, Playwright, Jest, Mocha
**Tools:** Git, Docker, CI/CD, GitHub, GitLab, Jira, ...and many more

## Work experience

**LightSource.ai**, May 2021 – now
Joined the very start of innovative supply chain startup as a lead developer.

**Cypress.io**, September 2020 - May 2021

Getting back to Cypress.io to work on component testing.

**Material UI**, January 2020 - September 2020
Working for Material-UI with a focus on making the most popular react date picker in the world

**Cypress.io**, May 2019 - January 2020
Development, designing and testing for the awesome Cypress.io

**Nix Solutions**, April 2016 - May 2019
Full-stack javascript development, team leadership, designing project architecture and development flow

**Syject company**, June 2015 - December 2015
Studying and participating in development of large, scaling web application.

**Open-source**, Forever
Support and maintain popular open-source projects

## Languages

English – Advanced (C1)

Deutsch – Intermediate (B1)

Russian & Ukrainian – Native (C2)

## Education

Kharkiv computer and technology college - Ukraine
Computer science, 2013-2017