



# Software Engineer, Frontend Infrastructure

Seattle R&D - Frontend Experienced Job ID: PVNP

## Responsibilities

TikTok is the leading destination for short-form mobile video. Our mission is to inspire creativity and bring joy. TikTok has global offices including Los Angeles, New York, London, Paris, Berlin, Dubai, Mumbai, Singapore, Jakarta, Seoul and Tokyo.

The TikTok Frontend team builds and maintains the web products and infrastructure for TikTok, including [www.tiktok.com](https://www.tiktok.com), hybrid pages in the mobile app, and TikTok TV. The goal of the Frontend Infrastructure team is to build stable, sustainable, and reusable infrastructure, so that each product team can develop, test, and deploy their features more efficiently and effectively. We support web developers and designers from multiple teams by standardizing the development environment and workflow, determining tech stack and best practices, as well as building commonly shared libraries. We also keep raising the bar of our code base, exploring the newest web technologies, and figuring out how different coding patterns can be utilized in our own context.

We are looking for motivated engineers to join us and help accomplish this mission. You will work with our experienced engineers to find out the best way to bring our current technologies to the next level. Given the speed in which our team is growing, your work will be highly challenging, and will have an essential impact on the productivity of anyone who works on web related projects within TikTok.

In this role, you will:

- Prototype new ideas and iterate towards the best developer experience;
- Build, optimize, and scale the next generation of our automated build/test/deploy system;
- Write high-quality, reusable code, and iterate towards the best developer experience;
- Define and prioritize requirements from other engineering teams;
- Serve as a technical resource and engineering mentor for other frontend developers.

## Qualifications

- Familiarity with web development cycles (e.g. package management, module bundling, unit, and integration testing, browser capabilities, etc.);
- Knowledge of modern front-end tech stack (we use Typescript, Javascript, React/Redux, ES6, Webpack, styled components, CSS);
- Interest in infrastructural and foundation technologies in frontend/web related domains;
- Experience with cross-team, cross-functional collaboration;
- 2+ years of experience working on frontend development.

Preferred Qualifications:

- Deep understanding of webpack and its surrounding technologies (plugins, compiler hooks);
- Previous experience with developing reusable UI components, and/or implementing WCAG (Web Content Accessibility Guidelines);



TikTok is committed to creating an inclusive space where employees are valued for their skills, experiences, and unique perspectives. Our platform connects people from across the globe and so does our workplace. At TikTok, our mission is to inspire creativity and bring joy. To achieve that goal, we are committed to celebrating our diverse voices and to creating an environment that reflects the many communities we reach. We believe individuals shouldn't be disadvantaged because of their background or identity, but instead should be considered based on their strengths and experience. We are passionate about this and hope you are too.

TikTok is committed to providing reasonable accommodations during our recruitment process. If you need assistance or an accommodation, please reach out to us at [USRC@tiktok.com](mailto:USRC@tiktok.com).

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