



Senior Software Engineer

at Mozilla Corporation

Apply Now

Team:

Core Product-Firefox

Locations:

Remote US, Remote Canada, Remote Germany, Remote France

Apply Now

The Firefox Platform Layout team is a global community of engineers who care deeply about how the Web looks and feels. We are the team responsible for Page Layout, CSS, images, text, printing, and animations in Gecko, the engine behind Firefox. We strive to build and maintain an engine that is both high-performance and standards-compliant, while providing support for features unique to Firefox. Are you the type of software engineer who wants to collaborate with other driven, committed team members to help bring new capabilities to the Open Web for millions of people? Do you have experience with either C++ or Rust? If so, we'd love to hear from you!

On our team, you will be able to design and develop standards-compliant CSS and page layout features that all of our users see, with a current particular focus on Asynchronous Pan and Zoom (APZ), our technology for making user interaction snappy and delightful. You will be helping make the Web Platform more usable, accessible, beautiful, and interactive over time. We are looking for Engineers with experience in C++ and/or Rust. You'll be responsible for writing code, tests, specifications, building prototypes, solving problems, and analyzing data. You are a self-starter who wants to have a direct, immediate impact on the web.

Our team is geographically-distributed, and working virtually and in the open is the norm. You can expect to work on the code driving the Firefox browser on a number of platforms - Android, Windows, Linux, and macOS. Our focus is on writing fast, lightweight and maintainable code to make Firefox phenomenal for users.

What You'll Do:

- Work cooperatively with other Mozillians to identify and correct issues, and ask for help as needed
- Write high-quality, performant, open source, and standards compliant code

- Develop innovative layout, graphics, and user interaction techniques, algorithms and tools to maximize the rendering quality and performance of Firefox
- Participate in regular code reviews, team meetings and long-term planning
- Help triage and test bugs, taking the initiative to drill down to root causes and explore potential solutions

What You'll Have:

- Bachelor's degree or equivalent experience in Computer Science or similar field
- Experience developing C/C++ and/or Rust applications
- Strong debugging and optimization skills in a multi-threaded environment
- Experience with memory and performance optimizations tools
- Excellent written and verbal communication skills
- Proven record of finishing projects where the work spans several months
- Ability to quickly learn and be effective with a large code base

Bonus points if you have any of the following:

- Experience with JavaScript, web development, and web standards
- Familiarity with Android application programming, profiling and debugging
- Experience with GPU and CPU optimizations and architecture
- Experience participating in and contributing to open source projects

We value a variety of voices on the Layout Team and at Mozilla. You don't need to check every box on this list to apply.

About Mozilla

Mozilla exists to build the Internet as a public resource accessible to all because we believe that open and free is better than closed and controlled. When you work at Mozilla, you give yourself a chance to make a difference in the lives of Web users everywhere. And you give us a chance to make a difference in your life every single day. Join us to work on the Web as the platform and help create more opportunity and innovation for everyone online.

Commitment to diversity, equity, inclusion, and belonging

Mozilla understands that valuing diverse creative practices and forms of knowledge are crucial to and enrich the company's core mission. We encourage applications from everyone, including members of all equity-seeking communities, such as (but certainly not limited to) women, racialized and Indigenous persons, persons with disabilities, persons of all sexual orientations, gender identities, and expressions.

We will ensure that qualified individuals with disabilities are provided reasonable accommodations to participate in the job application or interview process, to perform essential job functions, and to receive other benefits and privileges of employment, as appropriate. Please contact us at hiringaccommodation@mozilla.com to request accommodation.

We are an equal opportunity employer. We do not discriminate on the basis of race (including hairstyle and texture), religion (including religious grooming and dress practices), gender, gender identity, gender expression, color, national origin, pregnancy, ancestry, domestic partner status, disability, sexual orientation, age, genetic predisposition, medical condition, marital status, citizenship status, military or veteran status, or any other basis covered by applicable laws. Mozilla will not tolerate discrimination or harassment based on any of these characteristics or any other unlawful behavior, conduct, or purpose.

Group: D

#LI-REMOTE

Req ID: R1926

Apply for this job

[Applicant Privacy Notice](#)

Why Mozilla?

At Mozilla, we're serving humanity—by maintaining a safe, open internet—while also helping the individual humans employed here to reach their personal and professional goals. With a relatively small team serving hundreds of millions of people, a culture of exploration, and a commitment to mentorship, opportunities abound to learn and grow at Mozilla.

Our values drive our actions

- Purpose is built into our work, with our mission driving every decision
- We challenge assumptions, the status quo, ourselves, and each other
- We are transparent: in our code, our business partnerships, and our everyday interactions

- We seek out people from diverse backgrounds and with perspectives different from our own
- We pair purpose with performance and put people ahead of profit

Our impact is global

- 700+ paid staff from over 30 countries
- Thousands of volunteer contributors across six continents
- 9 global offices: Mountain View, San Francisco, Portland, Vancouver, Toronto, Paris, London, Berlin, and Beijing
- Hundreds of home offices globally

Our benefits are world-class

- Flexible work environment (nearly half of Mozillians work remotely)
- Industry-leading paid parental leave (up to 26 weeks of fully paid leave for childbearing parents and up to 12 weeks for non-childbearing parents)
- Reimbursement for professional development (up to \$3,000/year)
- A work setup including the latest hardware and software of your choice



Company

[About](#)[Press Center](#)

Resources

[Privacy](#)[Contact](#)

Visit Mozilla Corporation's not-for-profit parent, the [Mozilla Foundation](#). Portions of this content are ©1998–2022 by individual mozilla.org contributors. Content available under a [Creative Commons license](#).

