

Citrix

Job Title:	Principal Software Engineer
Job Description:	<p>Citrix ADC (Application Delivery Controller) team is on a mission to provide the best application delivery experience for various application architectures including the ones deployed on a cloud-native infrastructure.</p> <p>This position is responsible for contributing to several aspects of core ADC development as well as integration of the ADC with modern infrastructures including public clouds, Kubernetes/Openshift etc.</p>
Specific responsibilities:	<ul style="list-style-type: none">- Works closely with Architects, understand the gaps in product/solution, and leads the team in implementing those- Coordinates with SMEs of different teams in Citrix that are working on delivering the best solution to the customers in building an infrastructure for the modern applications architectures.- Design and implement Layer7 proxy and solutions based on the Layer7 proxy Kubernetes environment for data centers on-prem and cloud.- Design and implement highly scalable control plane in Kubernetes/OpenShift and in public clouds.
What skills will the intern learn:	<ul style="list-style-type: none">- Active participation in strategic planning process, including developing goals, objectives and processes <p>Our technology is built on the idea that everyone should be able to work from anywhere, at any time, and on any device. It's a simple philosophy that guides everything we do — including how we work. If you're an engineer, we'll give you plenty of ways to test your skills on cutting edge technology. We want employees to do what they do best, every day. Be bold. Take risks. Imagine a better way to work. If this sounds like you then we'd love to talk.</p>
Qualifications:	<ul style="list-style-type: none">- BS/MS in CS/EE or equivalent

	<ul style="list-style-type: none">- 12 to 15 years of proven design and development skills in complex applications and systems software- Proficient in C, Python, and Go- Good Computer Science background – Architecture, Algorithms, Data structures.- Broad system-level knowledge, preferably with Unix variant- Good analytical and problem-solving skills.- Experience in OOPs and Multi-threaded programming- Hands-on experience with protocols such as HTTP/TCP/SSL, certificate management etc- Hands-on experience in designing and implementing controllers in Kubernetes- Exposure to API gateway- Good understanding of Networking in Microservices environments like Kubernetes/Dockers. Exposure to Flannel/Calico/Weave will be good.- Good understanding of Service Mesh architecture like Istio.- Good understanding of Cloud technologies and hands-on development experience on AWS/Azure/GCP- Excellent debugging/troubleshooting skills both at the protocol level and systems level- Exposure to Agile Methodologies
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