Architect - Open RAN Projects, SD-RAN
Job Description

What You'll Do
In this role you'll be leading ONF's open RAN work by rallying our community of operators and vendors around a common vision, and helping guide collaborative agile execution to prototype open RAN solutions blending the best of open source and open components from commercial vendors. You'll be engaged with operators, vendors and the academic research community to help seed the industry with a dynamic, flexible, programmable open RAN platform for accelerating innovation.

This is a hands-on role, and you'll be expected to be comfortable with your hands in the code and CI/CD system. You'll become an expert in the end-to-end architecture, be active with the community, and become a key resource for architectural vision, review, consensus building and decision making. You'll be comfortable and effective working with developers as well as with executives from across the industry, and you'll be a recognized leader in the open RAN community.

Responsibilities
- Responsible for the overall technical vision for the SD-RAN project
- Craft project proposals to build industry coalitions pursuing disruptive research projects
- Build and guide coalitions to deliver on open implementations of the SD-RAN and O-RAN vision and roadmap
- Design 5G and Next-G open RAN disaggregated solutions, and open source components compatible with these solutions.
- Be hands-on, collaborating with developers, building on your experience working for a vendor building open RAN solutions
- Champion the use of cloud-centric platforms for next generation open RAN solutions
- Help guide the community with their contributions, helping to assimilate contributions, thus growing both the project and the ecosystem

Minimum Qualifications
RAN product dev:	Experience building 5G, LTE RAN software stacks (gNodeB)
RAN networking:	PDCP, SDAP, MAC Scheduling
O-RAN architecture	RIC, xApps, rApps, CU/DU, E2AP and Service Models, …
RAN optimization:	RRM & SON algorithms
Networking:	TCP/IP networking, SCTP, GTP, Load balancing, …
Cloud technologies:	Kubernetes, containers, …
Languages:	Golang, Python, C, C++, bash, …
Experience:	Vendor experience delivering a mobile RAN product offering
Education:	BS Computer Science and 8 years relevant experience, or 12 years relevant experience

Desired Skills
- Mobile Core development expertise and architectural proficiency
- Active collaborator within O-RAN Alliance
- Experience working in open source

Why ONF

ONF is unique.

ONF is a non-profit, giving you the opportunity to work for the greater good to help transform networking and bring the latest technologies to leading researchers (commercial and academic) around the world. Our engineers have opportunities to engage with a diverse and vibrant community to help foster consumption, engagement and contributions to the projects.

ONF is about delivering transformation, not financial profit. This allows us to work on the latest technologies in order to help drive change, leading to lots of variety in our work.

ONF is broad. With over 100 member organizations and with developer contributions coming from around the world, you'll have the opportunity to work with lots of people from different backgrounds, companies and cultures.

ONF is operator-led (backed by Google, Microsoft, AT&T, Deutsche Telekom and others). You'll get to work with the most advanced companies, building a set of skills and relationships that can't be matched elsewhere.

ONF offers a collaborative and rewarding 100% remote work environment, great benefits and opportunities for personal and professional growth.

As a non-profit, ONF has the unique ability to sponsor H1B visas without a quota limit or auction.

Location - remote

Company Benefits and Perks

ONF is a dynamic, fun, inclusive environment that empowers individuals. We offer flexible remote work and work hours and family-friendly benefits to all of our employees.

- 401k Retirement Plan with 4% Company Match
- Platinum-Level Medical, Dental and Vision Coverage
- Disability Insurance
- Unlimited Paid Time Off
- Support for Community Involvement

Submit resumes to: jobs@opennetworking.org