ORION INNOVATION SRL ROMANIA
VAT No: RO43289140, Trade Register: J40/14788/2020
6 Maria Rosetti Street, 1st Floor
Bucharest, Romania, Zip Code: 020485

www.orioninc.com

Software Engineer for Data Path Group

Our Company

Orion Innovation is a leading digital transformation and product development services firm. Headquartered in Edison, New Jersey, we have a global team of over 6,400 associates, with engineers in 12 major delivery centers across North America, EMEA, APAC and LATAM.

For over 30 years, **Orion** has been solving complex business problems for our clients. Our transformative business solutions are rooted in digital strategy, experience design, and engineering, empowering our clients to operate with agility at scale.

We work with a wide range of clients across many industries including Hi-Tech, Telecom and Media, Professional Services, Financial Services, Healthcare and Life Sciences, Sports and Entertainment, and Education.

Our Mission is to be a trusted partner who inspires and accelerates digital innovation.

Our Partner

Our partner is a fast-growing software company that builds networks like clouds. It offers communications service providers and cloud providers a radical new way to build networks, detaching network growth from network cost and increasing network profitability.

Our partner's Network Cloud solution uniquely supports the complete virtualization of network and compute resources, enabling communication service providers and cloud providers to meet increasing service demands much more efficiently than with today's monolithic routers.

Their software runs over standard white-box hardware and can easily scale network capacity by adding additional white boxes into physical network clusters. This unique disaggregated network model enables the physical infrastructure to operate as a shared resource that supports multiple networks and services. This unique network design also allows faster service innovation at the network edge, supporting multiple service payloads, including latency-sensitive ones, over a single physical network edge.

Overall Objective of the Role

We are looking for a middle or senior software engineer with a passion for software development, excellent design, coding, and debugging skills, and the ability to mentor and guide junior engineers.

The Data-Path Group provides core components for our products. We design and develop data-plane features for a large-scale distributed system. For example, we are responsible for features related to the forwarding information base, quality of service, security, and telemetry.

Responsibilities

- Design, develop, and implement hardware-accelerated Data-Path features for large-scale distributed systems (using advanced networking processors).
- Write efficient and scalable code in C++ to meet project requirements.

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- Collaborate with cross-functional teams to integrate core components into the overall product architecture.
- Identify and resolve issues in Data-Path features, ensuring high performance and reliability.
- Optimize multi-threaded programming for distributed systems to handle high workloads efficiently.
- Conduct code reviews and ensure adherence to best practices and coding standards.

Requirements

Must have:

- Profound knowledge and proven experience in modern C++, both in design and development.
- Knowledge in networking or hardware and low-level programming.
- Experience with multi-threaded programming.
- At least 3 years of proven working experience in software engineering of distributed systems.
- Experience with Python programming.
- Bachelor's Degree in Computer Science or Engineering.

Nice to have:

- Experienced in development in Docker containers environment.

Reasons to Work with Us

- Competitive financial conditions.
- Opportunity to work on internationally recognized projects.
- Flexible schedule and a hybrid work model, prioritizing remote work as much as possible to support work-life balance.
- An exciting career path within a friendly, dynamic, and growing organization.
- Professional development opportunities in a multicultural environment.
- Private medical coverage with Medlife or Regina Maria.
- Meal vouchers.
- Gift vouchers for special occasions such as birthdays, weddings, or childbirth.
- Wellbeing programs, including sick days, 7Card subscriptions, and relaxation facilities in the office.
- Team-building events and other social experiences.
- Budget allocated for certifications relevant to your project.
- Workshops, internal training sessions, and knowledge-sharing opportunities.
- Access to LinkedIn Learning, upon request.
- Access to Udemy, if required for your project.
- Convenient city-center office location.
- Shared parking spaces.

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As a global digital transformation company, **Orion** values creating a productive, diverse work environment. We are committed to maintaining a positive work environment where our people value traits that make each one of us different from one another. We all bring a diverse set of perspectives, work and life experiences, and our differences make us more valuable both internally and for our clients.