Software Developer / DevOps Engineer
Location: Western Europe or East Coast, US

About TM Forum:
TM Forum is a global association of over 850-member companies that generate US$2 trillion in revenue and serve five billion customers across 180 countries. We drive collaboration and collective problem-solving to maximize the business success of communication and digital service providers and their ecosystem of suppliers around the world. We support members as they navigate their unique digital transformation journeys, providing practical and proven assets and tools to accelerate execution, and platforms to facilitate collaborative problem solving and innovation. You can learn more at www.tmforum.org.

Our vision is to drive the next wave of digital business growth – the digitization of every industry – by providing a common innovation platform to connect businesses, industries, and ecosystems. We do this in a highly practical and agile way through collaboration programs and communities which lead to rapid prototypes – ranging from digital business models to Open APIs – that have real world commercial applications. Complementing our collaboration programs, the Forum provides thought-provoking digital business research and media, industry best practices and standards, along with training programs to accelerate adoption, and events and workshops which connect top business & IT leaders to learn, network, and develop meaningful partnerships.

Diversity & Inclusion at TM Forum
TM Forum is an Equal Opportunity Employer that does not discriminate on the basis of actual or perceived race, creed, color, religion, alienage or national origin, ancestry, citizenship status, age, disability or handicap, sex, marital status, veteran status, sexual orientation, genetic information, arrest record, or any other characteristic protected by applicable federal, state, or local laws.

This is a full-time, remote-working position, but some international travel may be required post pandemic with work flexible hours needed to accommodate team calls in different time zones. Our people are unique and many of our staff work flexibly in many different ways. Please talk to us at interview about the flexibility you need. We can’t promise to give you exactly what you want, but we do promise not to judge you for asking.

Job Overview
As the TM Forum undergoes its own digital transformation there is an increasing need for the TM Forum to have its own software engineering capability to support that change. Our internal processes and tools increasingly need to be accessible on-line and as we increasingly publish our transformation tools and standards as machine readable assets, we have a need to support the development and management of these assets and the tools that facilitate and automate their development and deployment.

Your Experience
- Proven experience with Python and NodeJS is needed.
- Proven experience with containerization, in Kubernetes environments, CI\CD, Test Automation is vital.
- Ability to Plan, Design and Implement automatic Tests for in House Developed solutions: The expected test stack is: Postman, Selenium (Python), AJV, Python Unit Testing library and Jest of Mocha libraries for Node.js. Ability to integrate the test stack with GitHub Actions.
- Certified level understanding of varied platforms such as AWS, Azure and GCP is desirable
- Technical knowledge of cloud native technologies
- Strong understanding of traditional application architecture and cloud native application architecture.
- Experience with Rancher is not vital but would be a plus.
- Capability of evaluating existing data systems.
• Proven capability of following best practices for data structure and code development.
• Bachelor's degree in computer science, information technology, or a similar field.
• Knowledge of professional software engineering and best practices for the full software development life cycle, including coding standards, code reviews, source control management, build processes, testing, and operations.
• Experience in the development of distributed/scalable systems and high-volume transaction applications.
• Good troubleshooting skills.

Responsibilities
• Ongoing development and maintenance of the TM Forum Open API assets (API tooling for production of various API assets e.g., API compliance tests, Automatic Document generation on both DOCX and Ascii Doc; and support the automatic code generation for the NodeJS mock implementation of the API specifications)
• Development and maintenance of the TM Forum Open Digital Laboratory (ODL) a cloud-based service creation environment. By writing modules for such platform and writing tests that will be integrated on a CI/CD pipeline

Person specific
• A passion for and interest in technology solutions specifically in the fields of IT and Telecoms
• Experience working face to face with customers and building rapport and long-standing relationships.
• Being able to work remotely.
• Familiar with agile product development methodology.
• Experience with test-driven development and automated testing frameworks.
• Proven capability of seeking out customer insights and understanding customer feedback to work with internal teams to validate business requirements
• Excellent organizational and analytical skills together with strong time management
• Ability to pick up new systems, duties, and processes easily
• Good communication skills, both verbally and written
• Highly self-motivated and resilient individual
• Capable of delivering on multiple competing priorities with little supervision
• Positive, proactive, and collaborative team player with ability to work with colleagues in an open, friendly manner

For immediate consideration, please email your resume to recruit@tmforum.org.

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