Technical Lead - CWS (Core Web Services)

Job description

We are currently seeking a Technical Lead to work with our backend development team by designing, developing, and supporting our core backend APIs. Implement APIs that support our client WebRTC applications, in particular, signaling and account management.

You will be working remotely with a team mostly based in Europe and the US.

We need team players who are:

Versatile within our dynamic work environment

Eager to build great relationships with their fellow team members

Able to show a high level of problem-solving skills

Are enthusiastic at working pro-actively and autonomously

Highly responsive and pro-active communicators amongst a global team

Company Overview:

We specialize in delivering professional and expert audio recording software. Founded in 2005, we have been one of the leading providers of audio technology in the industry. We are committed to building cutting-edge remote collaboration systems for post-production, broadcasting, and music producers. We deliver world-class audio technology support and are dedicated to finding solutions for all audio technology needs and empowering our customers to be the heroes of their collaborative digital journeys.

Key Responsibilities

You will work within a team of engineers, technical and operations personnel in building highly resilient, scalable, and performant APIs.

Design, maintain and evolve the backend APIs used by our frontend applications

Design and implement the database layer and integration with other systems

Collaborate with frontend teams and product owners to refine API requirements

Assist in the development of high-level estimates for planning purposes

Participate in Agile development processes

Enforce the implementation of thorough unit and system tests

Review code ensuring quality and standards

Enforce best practices related to our Git workflow, including feature branches and merging

Prepare technical documentation

Lead and mentor junior team members

Proactively assist the DevOps team in the design and implementation of best practices especially concerning security, performance, monitoring, reliability and effective CICD pipelines.

Key Criteria

Knowledge

Significant Python web programming experience (Flask, Django, etc)

Experience with systems architecture, designing and implementing RESTful APIs

Relational database experience (Postgres/MySQL) and experience with ORMs (e.g. SQLAlchemy)

Solid understanding of Unit and Integration testing

A good understanding of web programming security (e.g., OWASP) and privacy principles

Familiarity with frontend web development

Experience using Git, pull requests, merging, code reviews, and remote collaboration workflows

Strong experience with CICD best practices

Familiarity with Atlassian tools (Confluence, JIRA)

Skills

Strong technical leadership skills

Strong communication and interpersonal skills (technical and non-technical)

Good presentation and analytical skills

Systematic troubleshooting skills

Ability

Passionate and eager to continuously learn

Self-starter and highly motivated towards success

Proactive has initiative and desire to learn new technologies

Exceptional/Bonus Skills

Experience with WebRTC, XMPP, MQTT

Understanding of Internet audio/video workflows

Experience with AWS (EC2, ECS, S3, RDS, etc)

Experience implementing and using Docker containers in CICD workflows

Experience with Software Reliability Engineering practices

Environment and Challenges

Innovating fast while reducing risk. Teams need to move quickly without sacrificing quality.

This position requires working with a remote team spread across the globe in many time zones. Excellent communication skills are required to ensure that cross-functional collaboration is effective and timely.

The individual is expected to exercise a high degree of initiative while working within the priorities and standards of the business, and while collaborating effectively with other team members.

Education & Qualifications

Bachelor's degree in computer engineering, computer science, information technology, or related field or equivalent work experience.

Interested to work with us? Then what are you waiting for? Send us your most updated CV at
paula@source-elements.com