Backend Developer (C++)

Reporting To: Head of Development

Location: Groß-Gerau, Germany (Hybrid)

About the Role

DETEC Software GmbH (a division of UNICOM Global) is looking for a skilled **Backend Developer (C++)** for DoXite, our enterprise document composition software.

We are seeking a flexible, self-motivated software engineer with a deep understanding of cross-platform server development. You will join an established, small development team of experts that focuses on stable software delivery and a supportive, collaborative culture.

About DETEC and DoXite

DETEC Software GmbH (www.detec.com) is a specialist provider of intelligent document composition solutions to optimize complex business processes for high-speed and high-volume multi-channel output. As a member of the UNICOM Global company group, we serve a global client base and have built a reputation for technical excellence and reliable customer support.

Our flagship product, DoXite, is an enterprise solution for generating personalized communications across digital and physical delivery channels. It transforms raw data (e.g., XML) and formatted output from business applications offering deep, certified integration with SAP® systems into engaging, customized documents without requiring changes to the underlying software. The platform utilizes its own intuitive design tools Document Styler and Data Styler to manipulate content and layout, ensuring operational efficiency and adherence to regulatory standards such as ZUGFeRD, XRechnung as well as PDF/A for e-invoicing and archiving.

Key Responsibilities

- **Develop & Enhance:** Design and implement new features and enhancements for the DoXite product line, adhering to requirement definitions and contributing to the future roadmap.

- **Full Lifecycle Engineering:** Perform research, design, coding, and testing (unit, product, and solution levels) following company standards.

- **Problem Solving:** Troubleshoot and resolve issues reported by customers, collaborating closely with the support department to ensure rapid solutions.

- **Documentation:** Create clear, concise project and product documentation.

- **Technical Leadership:** Provide technical expertise and guidance within the development team and to other departments.

- **Continuous Improvement:** Stay up to date with the latest advances in technology relevant to product development.

Mandatory Requirements

- **Business-Critical Environment:** At least 2 years of development experience within a business-critical or enterprise-grade environment.

- **High-Performance Computing:** Deep knowledge of high-performance and multi-threaded software architecture.

- **Server-Side C/C++:** Proven experience in server-side (backend) development using C/C++.

- **Python Interoperability:** Practical experience with Python, specifically regarding interfacing with C/C++ code (e.g., via bindings).

- **System Proficiency:** Strong working knowledge of Windows and Linux/UNIX development environments, including system-level interfaces (e.g., spooler/print management).

- **Methodology:** Experience with modern software development methodologies and engineering best practices.

- **Language Skills:** Fluent in **German or English** (written and verbal).

- **Education:** Degree in computer science or a related field (or equivalent professional experience).

- **Legal:** Valid work permit for Germany.

Desirable Requirements

- **Java Ecosystem:** Working knowledge of Java and J2EE development, including experience with legacy UI toolkits (AWT, Swing) and cross-platform application servers (e.g., Apache Tomcat).

Competencies & Soft Skills

- **Technical Aptitude:** Sound understanding of application architecture and design; ability to understand complex systems.

- **Work Style:** Methodical and proactive approach to work with a thorough mindset regarding software testing and quality.

- **Mindset:** Highly self-motivated continuous learner with a strong work ethic and flexibility.

- **Communication:** Excellent written and verbal communication skills.

- **Collaboration:** Capable of working independently ("self-starter") while also being a supportive and effective team player.

Are you ready for this challenge? Please send your application to careers@detec.com. We look forward to a long-term partnership and would like to meet you as soon as possible.