

## **Core Technology Programmer**

Full-Time | Permanent | Based in Birmingham (Tubeworks Studio)

We are looking for an experienced and talented Core Technology Programmer to help shape and evolve our proprietary technology as our studio continues to grow. This is a rare opportunity to become an integral part of Ripstone, helping to build the next generation of game engine technology. You will be a world-class programmer with a can-do attitude—self-motivated, ambitious, and a true team player. In this role, you'll be at the forefront of developing and enhancing our new internal game engine.

### **Your Responsibilities**

- Design, implement, test, document, and maintain key components of our engine, including runtime systems and tools.
- Write robust tests to ensure the correctness and reliability of engine code.
- Analyse and improve performance-critical code.
- Identify and resolve bugs in both engine and game code.
- Collaborate with and support game programmers and content creators, enabling them to make the most of our technology.

### **Core Skills & Experience:**

#### **Technical Skills:**

- Fluent in C++ with experience in modern standards (C++17/20).
- Strong mathematical and 3D programming capabilities.
- Proven commercial experience developing proprietary engine technology.
- Low-level engine programming experience across consoles and gaming platforms.
- Deep expertise in at least one of: rendering, networking, audio, or systems-level programming.

#### **Other Requirements:**

- Logical and structured approach to programming tasks.
- A strong portfolio showcasing engine development expertise.
- Excellent attitude, proactive mindset, and team collaboration skills.
- Passion for video games and game development.

#### **Desirable Skills:**

- Degree in Software Engineering, Computer Science, Mathematics, or equivalent experience.
- Familiarity with continuous integration and build systems.
- Experience with web services (e.g., ASP.NET, SQL on AWS or Azure).
- A public portfolio of C++ code (e.g., GitHub) is highly advantageous.

### **What We Offer You:**

#### **Leave & Benefits:**

- 29 days annual leave, plus bank holidays.
- Additional leave for each year of service (up to 5 extra days).
- Enhanced parental leave.



- Additional paid leave to support charity work and community engagement.

**Working Culture:**

- Flexible working arrangements around core hours (10 am–3 pm).
- Modern, air-conditioned studios.
- Regular team social events.
- Company parking available if required.

**Financial & Development Support:**

- Company pension scheme.
- Focus on culture and well-being with a commitment to work-life balance.

**Equal Opportunities Statement:**

Ripstone is proud to be an equal opportunities employer, and we wholeheartedly welcome applications from all suitably qualified persons of any gender, race, ability, religion, beliefs, sexual orientation, age, or anything else that makes you who you are! Your enthusiasm, attitude and qualifications for the job are all that matter to us. This is an important appointment for us and an exciting opportunity for the right person. We encourage and welcome applicants from all backgrounds to come and join our diverse team.