



Software Engineer, Backend Infrastructure - Engineering Department

Company: :), ColonBracketComma Advanced Digital Archaeology and Artificial Intelligence R&D Company

Location: York (UK)/Istanbul (TR)

About Us: :), ColonBracketComma Advanced Digital Archaeology and Artificial Intelligence R&D Company is revolutionizing the field of digital archaeology by integrating advanced technologies such as AI, AR, ML, and hardware generation. As part of our Engineering department, we're dedicated to building robust and scalable backend infrastructure that powers our innovative research initiatives.

Position Overview: We are seeking a talented Software Engineer with expertise in backend infrastructure to join our Engineering team. In this role, you will play a key role in designing, developing, and maintaining the backend systems and services that support our digital archaeology projects, enabling us to analyse vast amounts of data and leverage artificial intelligence for groundbreaking research.

Responsibilities:

- Design, develop, and deploy scalable and reliable backend infrastructure to support our digital archaeology applications and research initiatives.
- Architect and implement APIs, databases, and microservices to facilitate data storage, retrieval, and processing.
- Collaborate with cross-functional teams to understand project requirements and translate them into technical solutions.
- Optimize backend performance, scalability, and security through code reviews, testing, and performance tuning.
- Stay current on emerging technologies and best practices in backend development, and share knowledge with team members.

Qualifications:

- Bachelor's or Master's degree in Computer Science, Engineering, or related field.
- Proven experience in backend software development, with expertise in programming languages such as Python, Java, or Go.
- Strong understanding of distributed systems, cloud computing, and containerization technologies (e.g., Docker, Kubernetes).
- Experience with database management systems (e.g., SQL, NoSQL) and data modeling principles.
- Excellent problem-solving skills and ability to work effectively in a collaborative team environment.

To Apply: If you're passionate about building scalable backend infrastructure to support cutting-edge research in digital archaeology, we want to hear from you. Please submit your resume and cover letter detailing your relevant experience and why you're interested in joining :), ColonBracketComma Advanced Digital Archaeology and Artificial Intelligence R&D Company to hr@colonbracketcomma.ai