Entain

Job title: Software Engineer	Location: *Vienna*
Function: Product and Tech Reports to: Team Lead	No. of direct reports: N/A No. of non-direct reports: N/A
Budgetary responsibility:	NGR/P&L:

Purpose of role

We're Entain. Our vision is to be the world leader in sports betting and gaming entertainment by creating the most exciting and trusted experience for our customers, revolutionising the gambling space as we go. We're home to a global family of more than 25 well-known brands, and with a focus on sustainability and growth, we will transform our sector for our players, for ourselves.

A Software Engineer is responsible for designing, developing, deploying, and maintaining software features within their specialized technical domain (Backend/Frontend). They work to create and enhance software components of middle complexity.

Key responsibilities

Main:
- Possesses high level of proficiency of computer science fundamentals, including data structures, algorithms, and design patterns.
- Assumes responsibility for delivering well-defined, moderately complex features in alignment with defined specifications.
- Demonstrates proficiency in debugging and resolving issues across development, testing, and production environments.
- Possesses foundational knowledge to software design for both new features and bug fixes.
- Possesses a strong grasp of the tools, processes, and standards utilized within Entain.
- *Build high-quality, clean, scalable, and reusable code by enforcing best practices around software development life cycle.*
- Develops the ability to discern when to seek assistance versus when to invest additional effort in a task.
- Actively engages in all the team's scheduled meetings and processes.
- Strives to become a valued and supportive team member.
- Remains informed about the execution metrics of their team, understanding their significance and how they are measured.
- Acts as the initial on-call responder for the software their team manages.
- Maintains awareness of the entire story lifecycle (development, testing, production, fixes, improvements), while seeking additional support from their team as they deepen their expertise.
- Collaborates consistently by working closely with other team members, actively contributing to the delivery of features and fixes.
- Initiates participation in the RFC (Request for Comments) process by offering comments or suggestions.
- Plays a supportive role in the onboarding process by sharing context and pairing with new junior team members.
- Begins mentoring or providing guidance to Level 1 team members.

Specialist skills and experience

Essential:

- Expert in basic C# concepts like the usage of extension methods, access modifiers.
- Expert in object-oriented design, usage of polymorphism and inheritance.
- Proficient in the usage of C# data structures like lists and queues.
- Proficient in performance related topics like the usage of parallelism.
- Proficient in C# data querying capabilities like LINQ.
- Competent in latest .net Framework features and technologies (C#, .NET, .NET Core, BCL).
- Competent in the efficient usage of multithreading and concepts like async and parallel programming.
- Competent in memory management related topics.
- Competent in the usage of reflection where appropriate.
- Competent in applying the right level of logging.
- Competent in design patterns like SOLID and Dependency Injection.
- Competent in secure coding practices and security features including authentication and secure communication (SSL).
- Competent in software testing processes and tools – unit testing and load/performance testing.
- Competent in HTTP communication.
- Competent in WebApi development (REST, gRPC).
- Competent in basic database concepts like CRUD and ACID.
- Demonstrate an understanding of advanced database concepts like indexes and transaction isolation levels.
- Competent in version control tools like Git.
- Competent in Continuous Integration and Continuous Deployment.
- Demonstrate an understanding of service communication via Messaging solutions like TIBCO, Kafka or RabbitMQ.
- Demonstrate an understanding of NoSQL data storage (Redis).
- Competent in troubleshooting performance related incidents with the help of diagnostic tools like OpenTelemetry or Grafana.
- Competent in the Agile Software Development Process (Scrum, Kanban) and the Software Development Lifecycle

Desired:

- Experience in gaming industry.

Competencies / behaviours

- Team engagement: Builds effective working relationships.
- Collaboration: Communicates effectively with peers, supervisors, and cross functional teams.
- Learn and Grow: Continuously invest in learning and upskilling technology and business acumen.
- Analytical thinking: Thinks critically, providing well-reasoned insights through a data driven approach.
- Agility: Quickly adapts and remains flexible while managing risks
- Drives performance: Continually raises the bar for oneself (and others)
- Acts with integrity: Embrace Organizations values as an integral part of daily interactions and does the right thing.
- Delivers results: Exhibits strong time management skills, and commitment to delivering tasks on time to the highest quality standards.

Diversity and equal opportunities:

As a global employer, Entain is committed to providing a safe, fun, and inclusive culture where our people feel like they truly belong.

We are a multicultural business that values, celebrates and respects individual differences, so whatever your sexuality, gender, gender identity, ability, age, race, religion or belief, you will have a voice here, and the space to do your best work.

Our diverse internal networks provide the support for you to express your views and make a positive difference.