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| Job title: Lead Angular Engineer (Performance Tuning Specialist) | Location: *UK, Vienna & Sofia*  |
| Function: Product and TechReports to: *VP Engineering*  | No. of direct reports: *None* No. of non-direct reports: *None*  |
| Budgetary responsibility: N/A | NGR/P&L: N/A |
| 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 and for the good of entertainment.The Lead Angular Engineer (Performance Tuning Specialist) leads the design and implementation of high-performance Angular. They leverage their in-depth knowledge of Angular and performance optimization techniques to ensure applications deliver exceptional user experiences. This role demands leadership in identifying and resolving performance bottlenecks, while fostering a culture of performance awareness within the team. |
| Key responsibilities |
| * Lead the design and implementation of high-performance Angular applications, ensuring they meet Core Web Vitals metrics.
* Collaborate with architects and designers to ensure application architecture prioritizes performance.
* Translate performance requirements into actionable technical specifications for Angular development.
* Champion the use of Angular performance best practices throughout the development lifecycle.
* Implement performance optimization techniques during development to address potential bottlenecks proactively.
* Integrate monitoring and performance testing tools to continuously assess application health and identify areas for improvement.
* Conduct performance audits to pinpoint areas where applications fall short of Core Web Vitals thresholds.
* Analyse application behaviour using performance profiling tools to identify bottlenecks in rendering, data fetching, or change detection.
* Mentor junior engineers on Angular best practices and performance optimization technique
* Foster a culture of performance awareness within the development team.
* Provide guidance and code reviews to help junior engineers write clean, performant Angular code.
* Utilize performance profiling tools to analyse application behaviour and identify areas for improvement
* Advocate for code structure and patterns that promote optimal performance characteristics.
* Continuously review and refactor code to ensure it remains performant over time.
* Advocate for a proactive approach to performance improvements within the development team.
* Champion the importance of performance optimization throughout the development lifecycle.
* Integrate performance considerations into planning, design, development, and testing phases.
* Collaborate with other engineers to establish a culture of performance ownership within the team.
* Assist enterprise architecture team with all governance activities.
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| Specialist skills and experience |
| *Essential:** Proficient in Angular and its design principles; familiar with React, Vue.
* Proficient with Angular CLI, Nx and modern build tooling for efficient development workflows
* Proficiency in performance profiling tools:
	+ Mastery of browser developer tools like Chrome Performance Monitor or similar for in-depth profiling and analysis.
	+ Experience using additional performance profiling tools specific to the Angular framework.
	+ Ability to interpret profiling data effectively to pinpoint performance bottlenecks.
* Proficient in performance profiling and optimization techniques: web vitals (LCP, FID, CLS), lazy loads, build size reduction, API latency optimization, HTTP2 usage, GraphQL.
* Understanding of effective caching strategies for both browser and server-side components.
* Solid in TypeScript, solid JavaScript understanding, and proficiency in navigating the event loop.
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| Competencies / behaviours |
| This part of the job description summarises the behaviours necessary to succeed in the role. * Drives performance: Continually raises the bar for oneself (and others)
* Stakeholder engagement: Builds effective working relationships
* Collaboration: Communicates effectively with a positive impact
* Builds capability: Invests in developing oneself (and others)
* Analytical thinking: Thinks critically, providing well-reasoned insights through a commercial lens
* Agility: Quickly adapts and remains flexible while managing risks
* Acts with integrity: Takes ownership and does the right thing
* Delivers results: Plans for success and gets the job done
* Continuous research: learn about new techniques and tools for optimizing web application performance.
* Inquisitive mindset: Evaluate and implement emerging technologies like lazy loading, code splitting, and critical rendering path optimization
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| 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, all for the good of entertainment. |