



Example of Software Performance Engineer Job Description

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Our company is growing rapidly and is searching for experienced candidates for the position of software performance engineer. We appreciate you taking the time to review the list of qualifications and to apply for the position. If you don't fill all of the qualifications, you may still be considered depending on your level of experience.

Responsibilities for software performance engineer

- Proposing, prototyping and productising software changes to improve system performance
- Identifying bottlenecks across software, micro-architecture, and architecture
- Establish performance objectives
- Work closely with business and product areas to translate business and development plans into enterprise-wide transaction sequencing models
- Utilize statistical performance analysis and modeling techniques to validate transaction forecasts
- Work closely with end-to-end capacity planner to integrate performance measurement data into capacity plans
- Use tools to measure, quantify and analyze the performance benchmark and validate with end-to-end transaction sequences/rates
- Use rigorous logic and methods to solve moderately complex problems with effective solutions
- Ask probing questions to obtain critical information for decision-making
- Identify problems and associated performance measurement risks

Qualifications for software performance engineer

- OS internals (Linux/Android)

- Strong understanding of the CLR, especially concerning tasks, threading, memory management, and similar topics
- Experience working with IIS hosted .NET applications
- Experience developing client-server applications and / or web development with ASP.NET MVC