

Performance Engineering

At VAST, Performance engineering aims to optimize system performance, improve end-user experience, and deliver better business value. By integrating performance engineering into the processes and leveraging the expertise of different team members, we ensure that our software applications meet the expected performance objectives.

Roles in Performance Engineering

Different team members playing distinct roles in Performance Engineering are -

- Performance Engineers
- Developers
- Testers
- Architects
- System Administrators
- Project Managers

Key Principles

Performance as a requirement:

Performance considerations should be treated as a core requirement throughout the software development process. Performance goals and metrics should be clearly defined and communicated to all team members.

Early performance validation:

Conduct early performance testing to nip potential bottlenecks in the bud, addressing issues proactively in the development lifecycle.

Continuous monitoring:

Implement continuous performance monitoring throughout the application's lifecycle for proactive identification and timely resolution of performance degradation.

Collaboration and communication:

Optimize performance effectively through close collaboration and communication among developers, testers, architects, and stakeholders in the Performance Engineering process

Scalability and capacity planning:

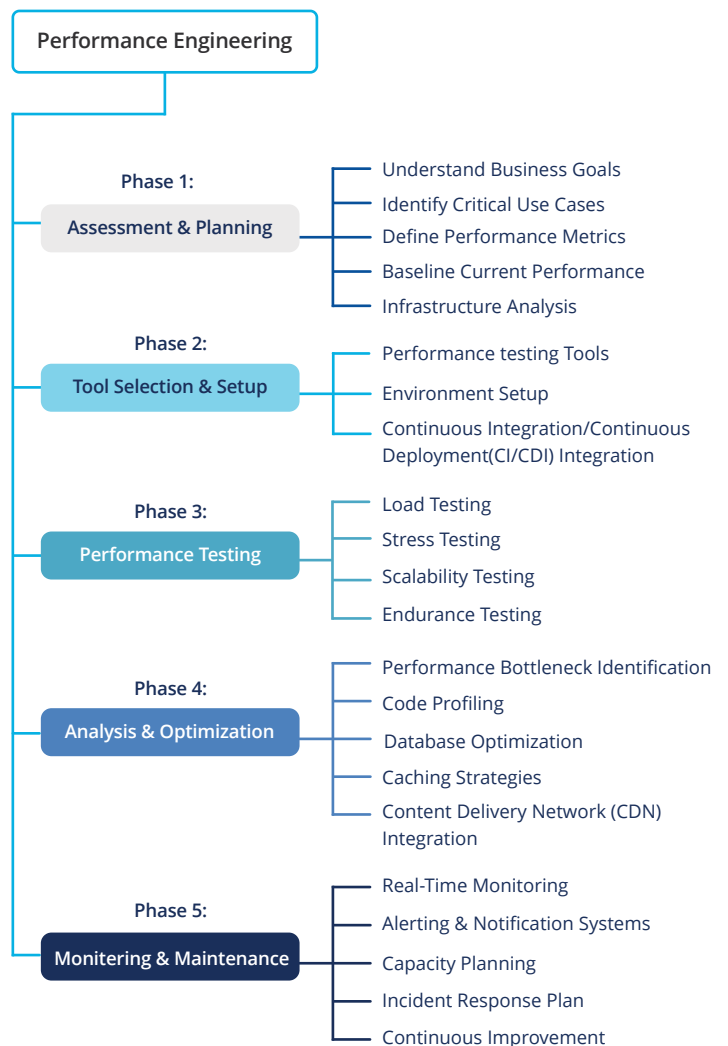
Ensure future-proof performance by considering scalability requirements and conducting capacity planning in the Performance Engineering strategy.

Focused on improving performance at all the layers (database, middleware, UI & infrastructure) using benchmarking & battletested processes & tools, reflecting product engineering experience.

Purpose of Performance Engineering

Performance engineering delivers end-to-end system optimization through a continuous testing and monitoring process. The aim is to provide better business value for the organization by discovering potential issues early in the development cycle. The main objective of performance engineering is to ensure that a system or an application is stable and performant. It is guided by several core principles that help teams effectively optimize software performance.

Process adopted by VAST for Performance Engineering



Clients/Projects

Case Studies of Performance Engineering Conducted for Clients-



Prashant Upasani

✉ upasanip@valueaddsofttech.com

☎ +001-8034031903 (USA)

☎ +91-9594444754 (INDIA)

#For more info visit -

www.valueaddsofttech.com