

Will Power

Performance Engineer



Professional Summary

Highly analytical Performance Engineer with 8+ years of experience specializing in optimizing complex software systems and infrastructure. Proven track record in identifying and resolving performance bottlenecks, conducting thorough load testing, and ensuring application scalability. Adept at collaborating with cross-functional teams to deliver high-performing, reliable solutions for cloud-native platforms.

Work Experience

Senior Performance Engineer

January 2021 - Present

Nexus Systems Inc., Austin, TX

- Led performance strategy and initiatives for critical cloud-native platforms, improving system response times by an average of 15%.
- Reduced infrastructure costs by 18% through intelligent resource allocation and proactive system tuning.
- Mentored junior engineers and established best practices for performance engineering across development teams.
- Designed and executed advanced load, stress, and endurance tests using JMeter and k6.

Performance Engineer

July 2017 - December 2020

Crestwood Technologies, Dallas, TX

- Designed and executed comprehensive load and stress tests for web applications and APIs, identifying key bottlenecks.
- Optimized database queries and service configurations, resulting in a 20% improvement in application response times.
- Collaborated with DevOps to integrate performance testing into CI/CD pipelines, ensuring continuous performance validation.
- Utilized APM tools like New Relic and Dynatrace for in-depth performance monitoring and analysis.

Junior Performance Analyst

June 2015 - June 2017

Veridian Dynamics, Houston, TX

- Assisted in performance testing efforts for various software modules and documented test results.
- Monitored application metrics and reported potential performance issues to senior engineers.
- Performed initial data analysis and generated reports on system behavior under load.
- Gained foundational experience in identifying and triaging performance-related incidents.

Contact

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<https://github.com/willpower-perf>

Education

Master of Science in Software Engineering

University of Texas at Austin, Austin, TX

Graduated: 2015

Bachelor of Science in Computer Science

Texas A&M University, College Station, TX

Graduated: 2013

Skills

Performance Testing (JMeter, k6, LoadRunner, Gatling), Performance Monitoring (Prometheus, Grafana, Datadog, New Relic), Cloud Platforms (AWS, Azure, GCP), Programming (Python, Java, Go, Shell Scripting), Databases (SQL, NoSQL, MongoDB, Cassandra), CI/CD (Jenkins, GitLab CI), Containerization (Docker, Kubernetes), Microservices Architecture, System Optimization, Capacity Planning, Troubleshooting & Root Cause Analysis, Distributed Systems

Languages

English (Native)
Spanish (Conversational)