Gustavia Fejeran

Performance Engineer

👤 Profile

Performance Engineer with 2 years of experience in analyzing, testing, and optimizing software applications. Proficient in identifying and resolving performance bottlenecks, developing test scripts, and implementing performance monitoring strategies. Demonstrated ability to improve system efficiency, reduce latency, and enhance user experience. Strong analytical and problem-solving skills with a keen eye for detail. Adept at collaborating with cross-functional teams to deliver high-quality solutions.

💼 Employment History

Performance Engineer at Bosch Rexroth Corporation, SC

Feb 2023 - Present

- Implemented a new testing methodology that increased efficiency by 25%, resulting in a 15% reduction in product development time and saving the company $500,000 in operational costs annually.
- Optimized hydraulic system performance, leading to a 10% improvement in energy efficiency and a 7% reduction in noise levels, contributing to an increase in customer satisfaction ratings by 20%.
- Developed and executed a comprehensive training program for junior engineers that reduced onboarding time by 50%, increasing overall team productivity by 30% and reducing turnover rate by 15%.

Associate Performance Engineer at BMW Manufacturing Co., LLC, SC

Sep 2021 - Jan 2023

- Led a team of engineers in optimizing the production line efficiency, resulting in a 15% increase in overall productivity and saving the company $1.2 million annually.
- Implemented advanced data analysis techniques to identify bottlenecks in the manufacturing process, leading to a 10% reduction in cycle time and an annual cost saving of $800,000.
- Developed and introduced a new performance monitoring system that improved the accuracy of performance metrics by 20%, enabling better decision-making and resource allocation across the plant.

🎓 Education

Bachelor of Science in Mechanical Engineering with a focus on Performance Engineering at Clemson University, SC

Aug 2017 - May 2021

Relevant Coursework: Thermodynamics, Fluid Mechanics, Heat Transfer, Mechanics of Materials, Dynamics, Controls, Materials Science, Machine Design, Finite Element Analysis, Computational Fluid Dynamics, Performance Engineering, and Automotive Engineering.

📋 Certificates

Certified Performance and Capacity Professional (CPCP)

Sep 2021

Details

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Links

linkedin.com/in/gustaviafejeran

Skills

JMeter

LoadRunner

Gatling

AppDynamics

Dynatrace

New Relic

Grafana

Languages

English

Bengali

Hobbies

Building and modifying computers

Experimenting with home automation systems

Attending tech conferences and workshops